

## *Re-Registration*

### *Dates to Remember*

➤ *Tuesday, March 1, 2011*

Registration materials distributed in the gym

Period 4 - 9th grade

Period 4 - 10th grade

Period 5 - 11th grade

Students absent on the day registration information is distributed to their grade level must go to the Guidance Office immediately after they return.

➤ *Wednesday, March 16, 2011*

Re-registration day - All returning students will register on March 16, 2011. Appointment times are assigned alphabetically by the first letter of the student's last name and are indicated below.

8:00	A	9:00	E-F	10:00	L	11:00	P
8:15	B	9:15	G	10:15	M	11:15	Q-R
8:30	C	9:30	H	10:30	N	11:30	S
8:45	D	9:45	I-K	10:45	O	11:45	T-Z

### *What to Bring*

Please use the following as a checklist of things you will need to bring with you on Re-registration day.

- Registration Fee (\$500.00 if paid on March 16, 2011; \$550.00 if paid after March 16, 2011)
- Course Request Form (with parent signature)
- Parent/Student Contract (completed and signed by student and parent)
- Summer School Registration Forms\*
- Summer School Registration Fee \*\*

\* If a student is planning to take a summer school course at BMHS that will fulfill a prerequisite, and this class will affect that student's fall schedule, he/she must register and pay for summer school on or before re-registration day.

If a student is planning to take a summer school course at a school other than BMHS that will fulfill a prerequisite, and this class will affect that student's fall schedule, he/she must fill out the summer school form enclosed in the registration packet and have the course approved by all necessary school officials.

\*\*Summer School fees are based on the number of units the student pursues. Please see the fee schedule for the tuition amount. *The Summer School fee must be paid with a separate check.*

## *Re-registration (continued)*

### ➤ *Tuition*

Tuition accounts **must be current** in order to re-register.

### ➤ *Late Re-registration*

Any student re-registering after Wednesday, March 16, 2011, will be charged a late fee of **\$50.00**.

### ➤ *Non Return*

Students not returning to Bishop Montgomery High School in the fall of 2011 must complete the “Non Return Form” (available in the Registrar’s Office) and return it to the Main Office by Wednesday, April 6, 2011. This form must be on file for the Registrar to forward school records to the new school.

### ➤ *Course Selection*

- *Class offerings are based upon the requests* made at the time of re-registration, so please choose carefully. Changes initiated by the student or parent will be limited and subject to a \$25.00 class change fee. Class changes will **NOT** be made for teacher or period preference.
- *Alternate Course Selections*
  - In some cases, students will not be placed in all of their first-choice courses. The reason could be one or more of the following.
    - Two courses requested are scheduled during the same class period.
    - Prerequisites are not met.
    - The class is filled to capacity.
    - There were not enough requests to offer a particular course.
  - Students must meet the prerequisites indicated for alternate courses.
  - When necessary, students must obtain the required approval.
  - Courses indicated as first-choice classes may not be listed in the alternate section.

Students requesting advanced and/or specialized courses which are usually offered one period a day must realize that selecting such courses limits the flexibility of scheduling.

## *Graduation Requirements*

A student of Bishop Montgomery must meet the following requirements for graduation. Each student will take one English and one religion class each semester. Students must complete a minimum of 240 credits (48 semesters) for graduation. Each successfully completed semester course is worth 5 credits.

Any student who has not received credit for a subject ("F" or "I") must make up the proper credit in summer school before returning the following school year.

Religion	40 credits (8 semesters)	Science	20 credits (4 semesters)
English	40 credits (8 semesters)	Physical Education	15 credits (3 semesters)
Social Studies	30 credits (6 semesters)	Fine Arts*	10 credits (2 semesters)
Mathematics	30 credits (6 semesters)	Computer Science	5 credits (1 semester)
World Language*	20 credits (4 semesters)	Electives*	30 credits (6 semesters)

\*The four semesters of a World Language must be in the same language. For example, a student must take Spanish I and Spanish II. The fine arts requirement must be fulfilled by a single, year-long course. Elective courses include advanced study in academic disciplines such as math, World Language and science. Electives are selected in consultation with the Guidance Department and depend on the academic program pursued.

### *Mandatory Courses by Department*

<u>Department</u>	<u>Course Title</u>	<u>Recommended Grade Level</u>
Religion	Freshman Religion (2 semesters)	9
	Sophomore Religion (2 semesters)	10
	Morality and Social Justice (1 semester each)	11
	Christian Vocations and Religion Elective (1 semester each)	12
	English	English I or Honors English I (2 semesters)
English	English II or Honors English II (2 semesters)	10
	American Literature or	11
	Honors American Literature or	
	AP Language and Composition (2 semesters)	
	British Literature and English Elective or	12
	Honors British Literature or	
	AP Literature and Composition (2 semesters)	
Fine Arts	A one-year Fine Arts Course (2 semesters)	9 or 12
Social Studies	World History or Honors World History (2 semesters)	10
	U.S. History or Honors U.S. History or AP U.S. History (2 semesters)	11
	Government or AP Government (1 semester)	12
	Economics (1 semester)	12
Mathematics	Algebra I or Honors Algebra I	9
	Geometry or Honors Geometry	10
World Language	The first year of a World Language (2 semesters)	9
	The second year of the same World Language (2 semesters)	10
Science	Biology or Honors Biology (2 semesters)	9 or 10
	Chemistry (2 semesters)	11

# *University of California/California State University*

## *Freshman Admissions Requirements*

### *Subject Requirements*

- A student applying for admission as a freshman to the UC or CSU system must have completed a minimum of fifteen units of high school work during grades 9 through 12. A one-year course is equal to one unit; a one semester course is equal to one-half unit.
- These units must meet the UC definition of college preparatory courses, as specified and defined below. Also, at least seven of the fifteen units must be earned in courses taken during the last two years of high school. Fifteen units are the minimum. Students are strongly encouraged to exceed the minimum.

### *“A-G” Requirements*

#### a. **History - 2 units**

One year of United States history or one semester of United States history and one semester of civics or American government, and one year of world history, cultures & geography

#### b. **English - 4 units**

Four years of college preparatory English - composition and literature (All English courses must require frequent and regular practice in writing expository prose compositions of some length. Also, not more than two semesters of ninth-grade English will be accepted for this requirement.)

#### c. **Mathematics - 3 units (4 recommended)**

Three years of mathematics - elementary algebra, two- and three-dimensional geometry, and advanced algebra (Mathematics courses taken in grades 7 and 8 may be used to meet part of this requirement if they are accepted by the high school as equivalent to its own courses.)

#### d. **Laboratory Science - 2 units (3 recommended)**

Lab science in at least two of the following three areas: biology, chemistry & physics

#### e. **World Language - 2 units (3 recommended)**

Two years of one World Language in courses that provide instruction in grammar, vocabulary, reading and composition and that emphasize the development of aural and oral skills (World Language courses taken in grades 7 and 8 may be used to meet this requirement if they are accepted by the high school as equivalent to its own courses.)

#### f. **Visual and Performing Arts - 1 unit**

One year of visual and performing arts chosen from the following areas: dance, drama/theater, music, and/or visual art

#### g. **College Preparatory Electives - 1 Unit**

One year (two semesters), in addition to those required in “a-f” above, chosen from the following areas: visual and performing arts (non-introductory level courses), history, social science, English, advanced mathematics, laboratory science, and language other than English (a third year in the language used for the “e” requirement or two years of another language)

## *Courses Satisfying the UC/CSU “G” Requirement*

### **History and English:**

Elective courses that fit the general description in "g" above are acceptable.

### **Advanced Mathematics:**

Trigonometry, Introduction to Calculus, Mathematical Analysis, Calculus, AP Calculus, and similar courses are acceptable. Courses containing significant amounts of material from arithmetic or from shop, consumer, or business mathematics are not acceptable.

### **Laboratory Science:**

Courses in the biological and physical sciences are acceptable.

### **World Language:**

Elective courses may be in either the same language used to satisfy the "e" requirement or in a second World Language. If a second language is chosen, however, at least two years of work in that language must be completed.

### **Social Science:**

Elective courses that fit the general description of "g" are acceptable. In addition, these courses should serve as preparation for lower division work in social science at the University. Courses of an applied, service, or vocational nature are not acceptable.

## *Computer Science Department*

Course Title	Grade Level	Prerequisite Course Work	Fulfills Requirement		Year or Sem.	Fee?
			UC	CSU		
Computer Applications I	9-12	You may fulfill this requirement by passing the proficiency exam.	No	No	Sem.	Yes
Computer Applications II	9-12	C or better in Computer Applications I or passing grade on the Computer Applications I proficiency exam. Teacher Approval	Yes	Yes	Sem.	Yes

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
5 credits (1 semester) Any course taken beyond what is required will count towards the "Electives" graduation requirement	Computer Applications I or its equivalent at a school other than BMHS will meet the graduation requirement	

### *Computer Applications I*

This course is designed for a Windows-based PC platform. This course will provide students with entry level skills in five critical areas of computer application: operating systems, word processing, spreadsheets, desktop publishing, and the Internet. This is an ideal entry-level course to support the students' academic cross-curricular education. While keyboard skills are taught, typing experience is recommended. You may fulfill this requirement by passing the computer proficiency exam.

### *Computer Applications II*

This course is designed to strengthen students' present skills in the area of computer applications while introducing them to broader areas of computer use. Students will apply computer skills such as desktop publishing by supporting document production for teachers and administrators, not only enhancing skills but supporting community service at BMHS.

## *English Department*

Course Title	Grade Level	Prerequisite Course Work	Fulfills Requirement		Year or Sem	Fee?
			UC	CSU		
English I-9 or English I	9	Placement is determined by the HSPT, Standardized test scores, and 8 <sup>th</sup> grade teacher recommendations.	Yes	Yes	Year	No
Honors English I	9	10.0 GE score in language and reading on the HSPT and 8 <sup>th</sup> grade teacher recommendation. Students must maintain at least a 83% in order to continue to the second semester of the course.	Yes	Yes	Year	No
English II	10		Yes	Yes	Year	No
Honors English II	10	Overall 3.8 GPA, A in both semesters of English I and passing grade on timed written exam* or 83% in both semesters of Honors English I. Must have a grade of 83% at the semester during current school year to remain enrolled in Honors English.	Yes	Yes	Year	No
Amer. Literature	11		Yes	Yes	Year	No
Honors American Literature, Research and Writing	11	Overall 3.8 GPA, A in English I & II classes or 83% in H. English II, teacher recommendation, Department Chair approval, and passing grade on timed written exam*. Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Year	No
Advanced Placement Language and Composition**	11	Overall 4.0 GPA, A for the entire year of Honors English II, teacher recommendation, Department Chair approval, and passing grade on timed written exam*. Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Year	Yes
British Literature	12		Yes	Yes	Sem.	No

Honors British Literature	12	Overall 3.8 GPA, A in all English classes or 83% in H. American Lit., Honors American Literature teacher recommendation, Department Chair approval, and passing grade on timed written exam*. Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Year	No
Advanced Placement Literature and Composition**	12	Overall 4.0 GPA, A average for the entire year of junior Honors English course or 83% both semesters in AP Lang. & Comp., teacher recommendation, Department Chair approval, and passing grade on timed written exam*. Students must maintain at least an 83% average in order to continue to the second semester of the course.	Yes	Yes	Year	Yes
Creative Writing	11-12	This course will fulfill a semester of the English graduation requirement.	Pending	Pending	Sem.	No
Shakespeare	12	This course will fulfill a semester of the English graduation requirement.	Yes	Yes	Sem.	No
Short Story	12	This course will fulfill a semester of the English graduation requirement.	Yes	Yes	Sem.	No
Speech/Debate and Composition	9-12	This is an English elective course. <b>This course does not fulfill the English graduation requirement.</b>	Yes G category	Yes	Sem.	No
World Literature	12		Yes	Yes	Sem.	No

\* The timed written exam will be given in the spring. Students will receive information in their current English classes. Students already enrolled in Honors need not take this exam.

\*\* Students who attain a 73% - 82% in any AP English course will be placed in the corresponding Honors English course. Students below a 73% will be placed in the regular corresponding English course.

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
40 credits (8 semesters) Any course taken beyond what is required will count towards the "Electives" graduation requirement	English I-9, English I or Honors English I	Freshman (9)
	English II or Honors English II	Sophomore (10)
	American Literature or Honors American Literature or AP Language and Composition	Junior (11)
	British Literature and English elective or Honors British Literature or AP Literature and Composition	Senior (12)

### *English I-9th*

This course includes a review of basic grammar rules and the application of these rules to writing. Students learn to write a fully developed one-paragraph essay and a four-paragraph expository essay. Students are introduced to the elements of the short story, the novel, poetry, and drama, focusing on the literary devices used throughout these genres, as well as Greek mythology, including an abridged version of Homer's *Odyssey*. Study skills, test-taking skills and note-taking skills are emphasized. Summer reading is required.

### *English I*

This course includes a review of basic grammar rules and the application of these rules to writing. Students learn to write a fully-developed one-paragraph essay and a four-paragraph expository essay. Students are introduced to the elements of the short story, the novel, poetry, and drama, focusing on the literary devices used throughout these genres, as well as Greek mythology, including an abridged version of Homer's *Odyssey*. Study skills, test-taking skills, and note-taking skills are emphasized. Summer reading is required.

### *Honors English I*

This course focuses on the development of critical thinking skills required for analyzing literature and writing organized, cogent essays in a variety of formats. The extensive reading and writing assignments are designed to prepare students for subsequent advanced level courses. Students also study grammar and vocabulary, cultivate public speaking skills, perform Shakespeare, and contribute to a class literary journal. Summer reading is required.

### *English II*

The work of this course extends and develops the skills introduced in English I. It includes a brief review of basic grammar with further work on punctuation and difficulties in usage. Students continue to study both literature and vocabulary through the short story, the novel, poetry, Arthurian legend, and drama. Students concentrate on the five-paragraph essay, stressing the development of a thesis, as well as the use of transitions between paragraphs. They learn to use a variety of sentence patterns. In the second semester, students learn to write a five-page research paper that follows the MLA format and includes all traditional preliminary work. Summer reading is required.

### *Honors English II*

The work of this course surpasses that of English II by covering in greater depth the short story, the novel, poetry, the essay, classic mythology, drama, and essay writing. Students continue to study grammar and usage, as well as vocabulary. Students concentrate on expository and persuasive five-paragraph essays emphasizing unity, coherence, and organization. Students' formal writing includes a research paper of five to seven typed pages in the first semester and shorter research papers in the second semester.

### *American Literature*

The work of this course follows the literary and historical development of American literature from the colonial period to the twentieth century. All genres are covered including short stories, poetry, drama, novels and essays of major authors representative of their time periods. Specific attention focuses on drama and outside novels. The writing component involves the study of contemporary and classic authors, imitating their styles and writing various types of essays such as narrative, descriptive, expository, persuasive, comparison/contrast and imitative literary analysis. Students must write at least one research paper each semester. In addition, students will prepare for the PSAT exam. Summer reading is required.

### *Honors American Literature*

The work of this course presents the literary and historical development of American literature from its roots in British literature through the 20th century. Students study poetry, novels, short stories, and essays of major American authors. Several critical essays are required as well as two or more in-depth research projects. Students will focus on developing writing skills meeting college expectations and using precise formats approved by the MLA guidelines. Summer reading is required.

### *AP Language and Composition*

This college level AP course is an alternate choice for the third year of Honors English. Students study a variety of writers, some British, but concentrate on American literature following the same curriculum offered in Honors American Literature. Teachers prepare students for the AP Exam administered in May by the College Board. A student earning a passing grade on this exam may obtain college credit and/or higher placement in a college freshman composition course. The course covers a broad range of materials usually associated with the reading, analysis, and writing expected in college freshman composition. Through frequent timed-writing practices, one research paper, several formal essays, and blue book exams, students cultivate a mature use of effective writing and a college level writing voice. The course includes organized study of the grammatical structure of sentences, paragraphs and larger rhetorical structures such as style analysis and persuasive writing. Summer reading is required.

### *British Literature*

This course offers a survey of British literature from the beginning to the present day. Students study literary periods and genres. A literary-based research paper is required, along with critical papers and short in-class writings. Students read two outside novels and are responsible for following guidelines on how to read a novel; this emphasis is then tested. There is a strong formal vocabulary component and a grammar/punctuation review. Since this is a senior class, some emphasis is placed on realizing college expectations. During the first semester, the SAT format is reviewed. Summer reading is required.

### *Honors British Literature*

The course presents the literary and historical development of British literature from Anglo-Saxon epics and elegies of the 5<sup>th</sup> century to the novels of the 20<sup>th</sup> century. Genres covered are drama, the novel, the short story, the essay, and poetry by major English, Scottish, Irish, and Welsh authors. Critical essays and presentations based on the literary selections are required. Students will prepare a ten-to-twelve page research paper based on a course-related topic during the first semester and a seven-to-ten page research project during the second semester. Writing skills meeting college requirements are based on the MLA guidelines. In addition to summer reading and the general text, reading will include four novels each semester.

### *AP Literature and Composition*

Students survey works of major British authors of representative time periods, focusing on how the events influence the literature. In addition, students do close reading of novels, dramas, and poetry by critically-acclaimed American and British authors. Students develop critical thinking skills through class discussion and essay writing. Throughout this course, students prepare for the Advanced Placement exam in Literature and Composition which they take in the spring for college credit. The course requires summer reading.

### *Creative Writing*

This semester class will focus on creative writing. To full understand this medium of writing, students will read and analyze short stories and poems for character, plot, theme, setting, etc. to gain an understanding of what goes into the creative process. Students will then write and workshop their own short stories which may focus on a different aspect of story (plot, setting, character development, etc.) and compose various types of poetry (examples: sonnets, blank verse, villanelles, etc.) In class, students will also be given the opportunity to participate in short writing exercises to draw forth creativity.

### *Shakespeare*

Students study the life and times of William Shakespeare including Renaissance theater, daily life, and historic events. By reading six plays which are representative of his entire career, students receive a comprehensive look at Shakespeare, his time period and style and themes. Students will write a five to seven page, typed, research paper, as well as five-paragraph essays and other types of compositions. **The summer reading required for British Literature must also be completed prior to the beginning of the fall semester.**

### *Short Story*

The entire course is focused on the short story genre. The student is expected to read, discuss, analyze and evaluate a variety of short stories from different time periods and cultures. Emphasis in this course is on written analysis and on participation in class discussion. In addition, students learn to apply literary terms, write an extended essay, study one novella, and practice creative writing. **The summer reading required for British Literature must also be completed prior to the beginning of the fall semester.**

### *Speech/Debate and Composition*

Speech/Debate and Composition is an elective course that introduces students to both oral interpretation and parliamentary debate. This course meets the requirement for a BMHS elective and it satisfies the UC/CSU requirement “g-College Prep Elective—English.” Students are required to conduct extensive research on current issues and provide in depth analysis and writing on a variety of genres. Students will learn how to effectively argue or express their points through both written and oral means.

### *World Literature*

World Literature is a broad consideration of efforts in multiple type of literature from prose and poetry to epics, drama and novel. The approach of this course is designed to develop a solid foundation in interpretive, analytical and argumentative skills that are essential not only for the study of literature but for also developing one’s ability to reason and function in the world as a critical thinker. Each selection of literature not only expresses the best in literary skill of the particular culture or people but also illustrates the idea that there are common ideals and values shared by multiple people from different parts of the world that are expressed in different time periods. This course strives to prove the point that all humans are the same and the emotions that humans expressed in literature are timeless and similar across the world.

## *Mathematics Department*

Course Title	Grade Level	Prerequisite Course Work	Fulfills Requirement		Year or Sem.	Fee?
			UC	CSU		
Pre Algebra	9		No	No	Year	No
Algebra I	9-10	8.5 GE score in math on BMHS Entrance Exam and 8 <sup>th</sup> grade teacher recommendation. Students must maintain at least a 70% in both semesters of Pre-Algebra in order to be eligible for Algebra I.	Yes	Yes	Year	No
Honors Algebra I	9	10.0 GE score in math on BMHS Entrance Exam and 8 <sup>th</sup> grade teacher recommendation. Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Year	No
Geometry	9-12	9 <sup>th</sup> grade – 10.5 GE score in math on BMHS Entrance Exam, 8 <sup>th</sup> grade teacher recommendation, and minimum grade of A in 8 <sup>th</sup> grade Algebra. 10 <sup>th</sup> –12 <sup>th</sup> grade – minimum grade of C (70%) in Algebra I	Yes	Yes	Year	No
Honors Geometry	9-10	9 <sup>th</sup> grade – 10.8 GE score in math on BMHS Entrance Exam, 8 <sup>th</sup> grade teacher recommendation, and minimum grade of A in 8 <sup>th</sup> grade Algebra. 10 <sup>th</sup> grade – Overall 3.8 GPA, grade of A in Algebra I or 2 semesters of 83% in Honors Algebra I. Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Year	No
Algebra II	10-12	Minimum grade of C (70%) in Geometry	Yes	Yes	Year	No
Honors Algebra II	10-11	Overall 3.8 GPA, grade of A in Algebra and Geometry or 2 semesters of 83% in Honors Geometry. Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Year	No
Statistics	11-12	Minimum grade of C (70%) in Algebra II	Yes	Yes	Year	No

Introduction to Calculus	11-12	2 semester B (80%) in Algebra II or minimum grade of C (70%) in Honors Algebra II or Statistics.	Yes	Yes	Year	No
Honors Introduction to Calculus	11-12	Overall 3.8 GPA, 2 semesters of 83% in Honors Geometry and Honors Algebra II, Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Year	No
Calculus	12	Minimum grade of B in Introduction to Calculus or minimum grade of C in Honors Introduction to Calculus.	Yes	Yes	Year	No
Honors Calculus	12	Overall 3.8 GPA, minimum grade of A in Introduction to Calculus or minimum grade of 83% in Honors Introduction to Calculus. Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Year	No
AP Calculus AB*	12	Overall 4.0 GPA, grade of A in Honors Introduction to Calculus <u>and</u> a passing score on the Calculus Placement Test. Students must maintain at least an 83% average in AP Calculus in order to continue to the second semester of the course.	Yes	Yes	Year	Yes
AP Calculus BC*	12	Overall 4.0 GPA, grade of A in AP Calculus AB. Students must maintain at least an 83% average in AP CalculusBC in the first semester in order to continue to the second semester of the course.	Yes	Yes	Year	Yes

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
30 credits (6 semesters) Any course taken beyond what is required will count towards the "Electives" graduation requirement	Algebra I or Honors Algebra I	9
	Geometry or Honors Geometry	10

\*Students who attain a 73% - 82% in any AP Math course will be placed in the corresponding Honors Math course. Students below a 73% will be placed in the regular corresponding Math course.

\*\*Students who drop an AP or an Honors course during a semester will be placed in the corresponding regular course and will retain the grade from the course they are dropping.

When selecting a course, all grade prerequisites must be met. All students must maintain the minimum grade both semesters. Since registration follows the end of the fourth marking period, the fourth marking period grade will be used as a preliminary indicator of the 2nd semester grade. Students not achieving the minimum grade at the fourth marking period, but who bring their grade up at the semester must notify the Guidance Studies Coordinator in June to change their course request.

Students whose grades finish below the minimum requirement at the second semester but had the minimum grade at the fourth marking period will be notified of a mandatory course request change and/or need for enrollment in summer school.

### *Pre Algebra*

Pre Algebra is devoted to developing fundamental math concepts. The program is structured to accommodate students who have trouble mastering concepts and need more practice exploring integers, data patterns, rational numbers and probability, linear functions, solving equations, and inequalities.

### *Algebra I*

Students will study linear equations, inequalities, factoring, linear systems, graphing, functions, fractional equations, and radicals. A scientific calculator is strongly recommended for this course.

### *Honors Algebra I*

Students will study the same algebraic concepts as Algebra I, however in more depth and at a considerably faster pace. A graphing calculator (preferably a TI 83+) is strongly recommended for this course.

### *Geometry*

Students will learn deductive reasoning which will lead to learning proofs. The students will also implement information about geometric relationships and use this information to solve mathematical problems and do basic constructions. A scientific calculator is strongly recommended.

### *Honors Geometry*

Students will study and identify geometric figures, their descriptions, designs and their inter-relationships. Students will be able to arrive at abstract conclusions and have an understanding of the methods for arriving at such conclusions. Students will demonstrate the use of algebra in solving problems, and be able to use a compass and straight edge to make geometric constructions. They will study basic logic and learn to prove logical sequences. The course includes an in-depth study of geometric proofs. A scientific calculator is strongly recommended.

### *Algebra II*

Students will study algebraic topics in more depth, including linear and quadratic equations and inequalities, properties of exponents, problem solving using rational expressions, operations with polynomials, factoring, and radicals. Other topics include complex numbers, functions, coordinate and analytic geometry, solving systems of equations, determinants and matrices, conics and logarithms. A graphing calculator (preferably a TI 83+) is required.

### *Honors Algebra II*

Students will study topics from Algebra II but in more depth and at an accelerated pace. Additional topics such as math induction, sequence and series, and probability theory will be introduced. A graphing calculator (preferably a TI 83+) is required.

### *Statistics*

Students will develop fundamental problem solving skills and an in-depth understanding of statistics concepts that will adequately prepare them and provide a foundation for college statistics. Students will develop both an algebraic and graphical understanding of the topics including Frequency, Probability, and Normal Distributions. Students will also explore concepts such as Confidence Intervals, Hypothesis Testing, Correlation, and Regression. A TI-83/84 Graphing calculator will be required for this course.

### *Introduction to Calculus*

Students will study all aspects of trigonometry while incorporating applications of trigonometry throughout the course. Also included is an in-depth study of functions, limits, and polynomial equations as well as an introduction to differential and integral calculus. This course will prepare students for a high school calculus course or a college introductory calculus course. A graphing calculator (preferably a TI 83+) is required.

### *Honors Introduction to Calculus*

Students will study all aspects of trigonometry while incorporating applications of trigonometry throughout the course. Also included is an in-depth study of functions, sequences, series, limits (including the delta-epsilon definition), and polynomial equations. In addition, the topics of differential and integral calculus will be studied. This course is designed to prepare students to take AP calculus the following year. A graphing calculator (preferably a TI 83+) is required.

### *Calculus*

Students will review pre-calculus topics, including functions and graphs, exponential and logarithmic functions, and trigonometric functions. The course also includes an in-depth study of limits and continuity, derivatives, and integrals with applications. A graphing calculator (preferably a TI 83+) is required.

### *Honors Calculus*

Students will study topics from calculus, however in more depth and at a considerably faster pace. Additional topics such as area between curves, volumes of rotations, and applications in the areas of moments, centers of mass, centroids, and fluid pressure will be introduced. A graphing calculator (preferably a TI-83+) is required.

### *AP Calculus AB*

Students will study functions, derivatives, integrals, transcendental functions, and limits. The course includes preparation of the student for the Advanced Placement examination. It is suggested that students who enroll in this course attend the special calculus problem sessions held outside of school hours. A graphing calculator (preferably a TI 83+) is required.

### *AP Calculus BC*

This is a one year course designed to follow the Calculus BC course description as set forth by the College Board. Students will review topics from AP Calculus AB. New topics include improper integrals, partial fractions, infinite series, parametric, polar and vector functions. Students enrolled in this course will be prepared to take the AP Calculus BC test in the spring of the school year. The fundamental concepts of Calculus are presented from graphical, numerical, and analytical perspectives. Technology is also employed to develop concepts, illustrate examples and expedite calculations. A graphing calculator is required. (TI 83 or higher)

## *Physical Education Department*

Course Title	Grade Level	Prerequisite Course Work	Fulfills Requirement		Year or Sem.	Fee?
			UC	CSU		
Co-Ed Physical Education	9		No	No	Sem.	No
Introduction to Dance	9		No	No	Sem.	No
Ethical Health	9		No	No	Sem.	No
Aerobics and Nutrition	10-12		No	No	Sem.	No
Coeducational Team Sports	11-12		No	No	Sem.	No
Weight Training and Fitness	10-12		No	No	Sem.	No

\*This course can also be used to fulfill the Fine Arts requirement, but cannot count for both PE and Fine Arts

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
15 credits (3 semesters) Any course taken beyond what is required will count towards the "Electives" graduation requirement	Physical Education (Boys or Girls) or Introduction to Dance	Freshman (9)
	Ethical Health	Freshman (9)
	An upper-level course or a season of a sport, which includes Cheer, Dance, and Flags.	

### *Co-Ed Physical Education*

This course will cover units on conditioning, team sports, individual sports, physical fitness, and weight training.

### *Introduction to Dance*

This class focuses on the three American dance forms: Ballet, Jazz and Modern Dance. The class is designed to teach dance as an art form by creating movements and choreographing them into dance routines in each of these genres. Group performances in class will be included. Students will also learn to condition the body for dance focusing on improving balance, strength, and flexibility.

### *Ethical Health*

This course includes physical, mental and social health topics, preventing illness, and making lifestyle changes that can influence the quality of life. Other related topics to health and wellness are discussed with ethical and moral decision making stressed in relationship to Catholic teaching and doctrine.

### *Aerobics and Nutrition*

This course will focus on cardiovascular (aerobic) exercise to help students plan an exercise program that will keep them fit. Nutrition will be another focus to help students adapt their lifestyle to healthy eating habits. Toning and stretching will also be included.

### *Coeducational Team Sports*

This course focuses on the following team sports: Softball, Flag Football, Volleyball and Basketball, Soccer as well as the individual sports of Tennis.

### *Weight Training and Fitness*

This course is designed to help students achieve physical fitness through weight training. Activities will include a weight lifting program designed to fit the needs of the individual student. The course will also include a group stretching program. Nutrition, as it relates to physical fitness, will be covered. Cardiovascular fitness will also be included.

## *Religious Studies Department*

Course Title	Grade Level	Prerequisite Course Work	Fulfills Requirement		Year or Sem.	Fee?
			UC	CSU		
The Revelation of Jesus Christ in Scripture	9		No	No	Fall Only	No
Who is Jesus Christ?	9		No	No	Spring Only	No
New Testament	10		No	No	Fall Only	No
Church History	10		No	No	Spring Only	No
Morality	11		No	No	Fall Only	No
Social Justice	11		No	No	Spring Only	No
Christian Vocations	12		No	No	Sem.	No
Campus Ministry	12	Approval Required	No	No	Sem.	No
Religions of the World	12		No	No	Sem.	No
Search for Truth	12		Yes	Yes	Sem.	No
Spirituality	12		No	No	Sem.	No

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
40 credits (8 semesters) Any course taken beyond what is required will count towards the "Electives" graduation requirement	Who is Jesus Christ and The Revelation of Jesus Christ in Scripture	Freshman (9)
	New Testament and Church History	Sophomore (10)
	Morality and Social Justice	Junior (11)
	Christian Vocations and 1 semester of Religious Studies elective	Senior (12)

### *The Revelation of Jesus Christ in Scripture (Fall Only)*

The purpose of this course is to give students a general knowledge and appreciation of Sacred Scriptures. In this course students will learn about the Bible and its value to people throughout the world. Students will read the Bible and become familiar with the major sections of it.

### *Who is Jesus Christ (Spring Only)*

The purpose of this course is to introduce students to the mystery of Jesus Christ, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who He is, the students will also learn who He calls them to be..

### *New Testament*

This survey course provides a scholarly as well as personal look at God's revelation in the New Testament. Through the study of various literary forms present in Sacred Scripture, and through personal reflection and application of the Scriptures to their lives, students develop an understanding of who Jesus is and who his followers are.

### *Church History*

The second semester surveys the development of the Church and Sacred Tradition, primarily the Sacraments. Students will explore the sacramental presence of Christ in the Church, with emphasis on personal application in prayer and worship. Students will be encouraged to accept an adult relationship with God through the study of His Church and an understanding of how He is present in history.

### *Morality*

The purpose of this course is to help students make informed, wise decisions in the light of Christian moral values. The students will be challenged to act guided by conscience formed by Catholic teaching. The course affirms students in their search for new, adult commitments to the challenging demands of Jesus' message of love according to the teachings of the Catholic Church.

### *Social Justice*

This course will introduce students to the concept of justice according to Catholic social teaching. It is designed to bring about an awareness of different world cultures. Global vision, human dignity, and interdependence among nations are stressed. Students are challenged to make decisions regarding their behavior and attitudes in accord with the Catholic social principles of justice.

### *Christian Vocations*

This course includes an analysis of a Catholic vocation, career, and way of life; a study of self-understanding, relationships, and human sexuality; an overview of the single life, religious life, the ordained priesthood and married life; an examination of marriage as a covenant relationship and the implications of that understanding on marriage preparation, natural family planning, parenting, and the expectations of society.

### *Campus Ministry*

This course teaches students skills needed to effectively minister to others in their peer group and beyond by presenting challenging lessons and experiences in the areas of Christian behavior, listening, prayer, liturgy, retreats, liturgical events, and charitable giving. Opportunities to use and practice these skills are offered by allowing and encouraging the students to organize and participate in activities of the Campus Ministry program.

### *Religions of the World*

This course examines Hinduism, Buddhism, Judaism and Islam and compares them with the message of Jesus Christ. The key elements of these religions will be explored examining their sacred writings, rituals, and symbols. The various ways each religion experiences and communicates God, salvation, and revelation will be the subject of study. Other aspects of religion will be reviewed to identify the elements present in cults and sects in contrast with the quest for God and the response of the faithful.

### *Search for Truth*

This course explores our human desire for truth and its impact on Christian thought. The focus of this course will be the questions we ask ourselves as human beings and as Christians. In a group discussion style, such questions as who am I, what is truth, and who is God, and the secular and religious attempts to answer these questions will be discussed. Using both reading selections and discussions, students will search for the truth to these questions.

### *Spirituality*

This course explores the rich spiritual traditions in Catholicism, emphasizing women's experiences and their contributions to the Church and society. Julian of Norwich, Hildegard of Bingen, Ignatius of Loyola, and Teresa of Avila will be studied within the context of the unique gift of women in the Church. Embodiment of the faith will be key to this course and evaluated through one's experiences of self-esteem, fashion, and sexuality. Jesus and his message of personal transformation and social reform will be addressed as central to women and their role in the Church today.

## *Science Department*

Course Title	Grade Level	Prerequisite Course Work	Fulfills Requirement		Year or Sem.	Fee?
			UC	CSU		
Biology	9-12	Minimum grade of C in Algebra I (Grade 10) or enrollment in Honors Algebra, Geometry or Honors Geometry (Grade 9)	Yes	Yes	Year	Yes
Honors Biology	9-10	Incoming freshman may enroll in Honors Biology if they are concurrently enrolled in Honors English and Honors Algebra I or higher. Overall 3.8 GPA, grade of A in English I or 83% in Honors English I and grade of A in Algebra I or 83% in Honors Algebra I. (Grade 10), Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Year	Yes
Chemistry	10-12	Minimum grade of C in Biology or Honors Biology and Minimum grade of C in Geometry	Yes	Yes	Year	Yes
Honors Chemistry	10-11	Overall 3.8 GPA, grade of A in Biology or 83% in Honors Biology and grade of A in Algebra and Geometry or 83% Honors Geometry, Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Year	Yes
Advanced Placement Biology*	11-12	Overall 4.0 GPA, grade of A in Biology or 83% in Honors Biology and grade of A in Honors Chemistry. Grade of A in Honors or AP English during current school year. Must be concurrently enrolled in Honors or AP English and Honors or AP Math, Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Year	Yes
Physics	11-12	Minimum grade of B in Chemistry or C in Honors Chemistry AND Minimum grade of B in Introduction to Calculus or C in Honors Introduction to Calculus, or be enrolled in either Introduction to Calculus or Honors Introduction to Calculus	Yes	Yes	Year	Yes

Advanced Placement Physics*	11-12	Overall 4.0 GPA, grade of A in Chemistry or 83% in Honors Chemistry and be enrolled in Calculus or AP Calculus. 600 Math SAT or 70 <sup>th</sup> percentile Math PSAT, Students must maintain at least an 83% in order to continue to the second semester of the course. The students who take this class are eligible to take the AP Physics exam in May, based on the instructor's recommendations as of February 2011.	Yes	Yes	Year	Yes
Anatomy and Physiology	11-12	Minimum grade of C in Chemistry or Honors Chemistry	Yes	Yes	Year	Yes
Biomedical Practicum	12	This course has a limited enrollment and registration will be conducted through the Instructor	No	No	Sem.	Yes

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
20 credits (4 semesters) Any course taken beyond what is required will count towards the "Electives" graduation requirement	Biology or Honors Biology	Freshman (9)/Sophomore (10)
	Chemistry or Honors Chemistry	Sophomore(10)/Junior(11)

\* Students who attain a 73% - 82% in any AP Science course will be placed in the corresponding Honors Science course. Students below a 73% will be placed in the regular corresponding Science course.

### *Biology*

The biology course is a survey of basic concepts in the life sciences. The course content introduces the basic topics of the scientific method, the use of the compound microscope, evolutionary theories, cell structure and physiology, cell reproduction, basic human anatomy and physiology, the structure and function of flowering plants and genetics. The course format consists of lecture and independent study, with an emphasis on the laboratory experience: The students will perform dissections as part of the laboratory program. This course fulfills the UC entrance requirement for a laboratory life science and fulfills the Bishop Montgomery graduation requirement for life science.

### *Honors Biology*

The honors biology course is a survey of the basic concepts in the life sciences. It is more rigorous than the biology course. The course content introduces the basic topics of the scientific method, the use of the compound microscope, evolutionary theories, cell structure and physiology, cell reproduction, basic human anatomy and physiology, the structure and function of flowering plants and genetics. Greater content depth, compared to the regular biology course, will be provided in the area of genetics and other topics. The course format consists of lecture and independent study, with an emphasis on the laboratory experience: The students will perform dissections as part of the laboratory and take part in the design and implementation of the laboratory process. This course fulfills the UC entrance requirement for a laboratory life science and fulfills the Bishop Montgomery graduation requirement for life science.

### *Chemistry*

Chemistry is a college preparatory laboratory course designed to introduce students to basic principles of chemistry. The course content introduces the basic topics of the scientific method, the mole, stoichiometry, atomic theory, atomic-structure, periodic properties, gases, phases, bonding, thermochemistry, kinetics and acids and bases. The course promotes problem-solving and inductive reasoning techniques and applications and the integration of mathematical principles is an essential part of the curriculum. The course format consists of lecture and independent study, with an emphasis on the laboratory experience. Students are required to have a scientific, non-graphing, non-programmable calculator for use in this course. This course fulfills the UC entrance requirement for a physical laboratory science and fulfills the Bishop Montgomery graduation requirement for physical science.

### *AP Biology*

The Advanced Placement Biology course is designed to replicate a first-year college-level biology course, one required of biology majors. Students who enroll in the class must first successfully complete a one-year high school biology and one-year high school chemistry sequence. Students who take the course must be willing to commit considerable time and effort towards the reading, writing, and laboratory requirements necessary to sit for the Advanced Placement Biology exam. Course content will adhere to the standards set forth by the College Board.

### *Honors Chemistry*

Honors Chemistry is a college preparatory course designed to introduce students to the basic principles of chemistry. Students work at a more rigorous pace than in the regular Chemistry course. The course content introduces the basic topics of the scientific method, the mole, stoichiometry, atomic theory, atomic structure, periodic properties, gases, phases, bonding, thermochemistry, kinetics and acids and bases. The course promotes problem-solving and inductive reasoning techniques and applications and the integration of mathematical principles is an essential part of the curriculum. The course format consists of lecture and independent study, with an emphasis on the laboratory experience; students will take part in the design and implementation of the laboratory process. Students are required to have a scientific, non-graphing, non-

programmable calculator for use in this course. This course is a designated UC Honors course. This course fulfills the UC entrance requirement for a physical laboratory science and fulfills the Bishop Montgomery graduation requirement for physical science.

### *Physics*

The Physics course is designed to prepare students for a college science experience. The course covers the basic physics areas such as kinematics, dynamics, equilibrium, momentum, circular motion, simple harmonic motion, waves, optics, electricity, magnetism and special relativity. The course promotes problem-solving and inductive reasoning techniques. The integration of mathematical principles is a main part of the curriculum. The course format consists of lecture and independent study, with an emphasis on the laboratory experience. Students will participate in extra projects taught in the class. This course fulfills the UC entrance requirement for a physical laboratory science and fulfills the Bishop Montgomery graduation requirement for physical science.

### *AP Physics*

The Advanced Placement Physics course is an accelerated course designed to prepare students for the rigors of a college curriculum. The course covers the basic physics areas of mechanics, fluids, thermodynamics, sound, light, electricity, magnetism and modern physics. The course promotes problem-solving techniques and logical reasoning skills. Real life applications and the integration of mathematical principles are part of the curriculum. The course format consists of lectures with the latest classroom technologies, activities, and discussion. Physics concepts are made tangible via the laboratory experience. This course is a designated AP Physics course. The students who take this class are eligible to take the AP Physics B exam in May, based on the instructor's recommendations.

### *Anatomy and Physiology*

This course surveys the major principles of human anatomy and physiology. The course covers a wide spectrum of topics which include basic biochemistry, cell physiology, histology, and major organ systems of the body, with an emphasis on the skeletal system, neuroanatomy, neurophysiology, the excretory system and homeostasis. The course format consists of lecture and independent study, with an emphasis on the laboratory experience: The students will perform dissections as part of the laboratory program.

### *Biomedical Practicum*

This is an exciting course for motivated seniors who have a desire to explore careers in the medical fields. The course meets twice per week after school at Little Company of Mary Hospital as students are exposed to the many parts of an actual, working medical laboratory. During the 2-hour sessions at the hospital, student teams will get hands-on experience working with professionals in the areas of pulmonary lab analysis, microbiology, general chemistry, phlebotomy and other areas of the hospital as availability permits. Much of the content will be taught by the professionals at the hospital. Each student is required to present a research paper to the group at the end of the course as part of the examination process. As only 12 students can be accommodated each semester, a special selection process will be conducted after pre-registration has occurred. This course requires a \$100.00 lab fee which is to be paid by the first day of class.

## *Social Studies Department*

Course Title	Grade Level	Prerequisite Course Work	Fulfills Requirement		Year or Sem.	Fee?
			UC	CSU		
Geography & Cultures	9-12		Yes	Yes	Sem.	No
World History and Cultures	10		Yes	Yes	Year	No
Honors World History and Cultures	10	Overall 3.8 GPA, 83% in Honors English, enrollment in Honors English II, and Department Chair approval. Students must maintain at least an 85% in order to continue to the second semester of the course.	Yes	Yes	Year	No
United States History	11		Yes	Yes	Year	No
Honors United States History	11	Overall 3.8 GPA, 83% in Honors World History, concurrent enrollment in AP or Honors English, and Department Chair approval. Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Year	No
Advanced Placement United States History*	11	Overall 4.0 GPA, A in Honors World History, concurrent enrollment in AP or Honors English, and Department Chair approval. Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Year	Yes
Current Events and American Government	11-12		Yes	Yes	Sem.	No
Advanced Placement Government	12	Overall 4.0 GPA, a grade of 83% or better in AP US History or grade of A in H US History I & II, concurrent enrollment in AP or Honors English, and Department Chair approval. Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Sem.	Yes
Economics	10-12		Yes	Yes	Sem.	No

Advanced Placement Economics	12	Overall 4.0 GPA, a grade of 83% or better in AP US History or grade of A in H US History I & II, concurrent enrollment in AP or Honors English, and Department Chair approval. Students must maintain at least an 83% in order to continue to the second semester of the course.	Yes	Yes	Sem.	Yes
Introduction to Anthropology	11-12	All Social Studies graduation req. must be met prior to enrollment.	Yes	Yes	Sem.	No
Mythology	11-12	All Social Studies graduation req. must be met prior to enrollment.	Yes	Yes	Sem.	No
Psychology	11-12	All Social Studies graduation req. must be met prior to enrollment.	Yes	Yes	Sem.	No
The United States After 1945	11-12	All Social Studies graduation requirements must be met prior to enrollment.	Yes	Yes	Sem.	No

\* Students who attain a 73% - 82% in any AP Social Studies course will be placed in the corresponding Honors Social Studies course. Students below a 73% will be placed in the regular corresponding Social Studies course.

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
30 credits (6 semesters) Any course taken beyond what is required will count towards the "Electives" graduation requirement	World History or Honors World History	Sophomore (10)
	United States History H United States History, or AP United States History	Junior (11)
	Government or AP Government and Economics or AP Economics	Senior (12)

### *Geography and Cultures*

This is a study of the physical environment of man and covers sections on maps, planets, volcanoes and earthquakes, climate patterns and human behavior characteristics. The remainder of the course concentrates on map studies of the continents with emphasis on cultural, economic, and political geography of various world regions.

### *World History and Cultures*

World History and Cultures is a survey course designed to introduce students to the study of the past – from prehistory to the early modern period. It focuses on the nature and development of civilized societies, and the classical civilizations associated with Asia and Europe and the more recent history of Africa and the Americas. Students will also be linking the past to recent history, making analogies and comparing historical experiences with those in the modern world.

### *Honors World History and Cultures*

Honors World History and Cultures is a survey course designed to introduce students to the study of the past – from prehistory to the early modern period. It focuses on the nature and development of civilized societies, and the classical civilizations associated with Asia and Europe and the more recent history of Africa and the Americas. Honors students will be expected to add depth to their study of world history by exploring specific topics within chapters through research papers, personal research projects, and group research projects. Students will also be linking the past to recent history, making analogies and comparing historical experiences with those in the modern world. Students will write critical essays exploring universal issues facing mankind.

### *US History – Colonization -20<sup>th</sup> Century America*

US History I focuses on the events leading up to the Revolutionary War, the emergence of the United States as a new country, the growth and expansion of our nation, the Civil War, and the events responsible for our being recognized as one of the leading industrial and military powers by the end of the 19<sup>th</sup> century. The second semester of United States History focuses on events beginning with the Progressive Era, through World War I, the Roaring 20's, the Great Depression, World War II, the Cold War and Civil Rights movements during the post-war years, the counterculture movement of the 60's, Vietnam, Watergate, the Reagan era and the current crisis in the Middle East.

### *Honors United States History*

Honors US History is a two-semester course that focuses on the course of United States history from European discovery through modern times. Special emphasis is placed on the underlying causes of events in American history and how those events shaped the country as we know it today. Class activities will center on note taking and discussion, research techniques, advanced writing skills, class presentations, frequent written/oral examinations, and written/oral presentations in class. This class is designed for the honors student seeking the challenge of a college-oriented course in history.

### *AP US History*

AP United States History is a year-long course that surveys US History from exploration and colonization through the Reagan era, the end of the Cold War, and the Persian Gulf War. The underlying causes of events as well as foreign policy and social history will receive significant focus. Summer reading is required. Extensive supplementary reading and essay writing will prepare students to take the College Board's Advanced Placement Exam in May. Students can receive college credit for taking this course by passing this exam.

### *Current Events and American Government*

This course focuses on the various types of government prevalent throughout the world, the economic and political philosophies available and the foundations and events responsible for the formation of our own government. The three branches of our government, the constitution, along with all the amendments and landmark Supreme Court decisions will compose the bulk of the course. Students will be kept abreast of the major current events throughout the world on a weekly basis.

### *AP American Government*

In AP US Government, students study the constitutional underpinnings of United States Government (the historical situation, the Constitution and the Bill of Rights, Federalism); political beliefs and behaviors; political parties, interest groups and mass media; the institutions of national government (legislative, executive and judicial branches as well as the bureaucracy); public policy; and civil liberties and civil rights. Students have one semester-long research project as well as several smaller research projects. Influences on and interpretations of politics are emphasized. Extensive reading and writing will prepare the student to take the College Board's AP Exam in May. Students can receive college credit for taking this course by passing this exam.

### *Economics*

This introductory course will encompass various phases of personal, commercial, and global economics. Fundamentals of supply and demand, tax systems, governmental budgeting, stock market and business structure, comparison of economic systems and other aspects of this discipline will be presented to the students in order to familiarize them with the workings of our economic system.

### *AP Economics*

This is a college level course designed for student understanding of Macro Economics. The study of supply/demand/pricing on a micro level will be transferred to the conceptualization of macro issues. There is an emphasis on fiscal, monetary policy, and international trade.

### *Introduction to Anthropology*

This is a survey course covering the areas of physical anthropology, cultural anthropology, archaeology and sociology. The student will be exposed via text, lecture and audiovisual aids to different cultures and peoples around the world. Linguistics, courtship, body decorations and belief systems of various cultures will be presented to the student in order to complete a general overview of human adaptation to the environment and society.

### *Mythology*

This course offers students an opportunity to study World Mythology in depth, focusing on specific universal themes, such as The Hero's Journey and The Underworld. Course will include mythological readings from ancient civilizations including but not limited to, Mesopotamia, South America, Africa, India, and the main focus on Greece and Rome. Course will also discuss folk/fairytales, their origins, and archetypal characters. Students will also have the opportunity to explore mythology in modern media (film, TV, advertising) and literature.

### *Psychology*

This is a survey course covering the basic theories of psychology. Students will discuss topics such as psychological research, learning theories, personality theories, human development, intelligence and creativity, mental illness, therapy and psychological testing, and current issues in psychology. Students will conduct their own psychological research as part of this course.

### *The United States After 1945*

This course will focus on issues confronting the United States in the post World War II era such as the Baby Boom, the Nuclear Arms Race, the Cold War, McCarthyism, the Korean and Vietnam Conflicts, the Counterculture movement during the 60's, Civil Rights movements, Watergate, collapse of Communism in Europe, and the current situation in the Middle East. In addition, the course will trace the history of popular music during the past five decades and study how the lyrics of the music reflected the domestic events and national issues of the time.

## *Visual and Performing Arts Department*

Course Title	Grade Level	Prerequisite Course Work	Fulfills Requirement		Fee?
			UC / Category	CSU	
Art 1-2	9-12		Yes/ Visual Arts	Yes/ Visual Arts	Yes
Art 3-4	10-12	Art 1-2, current portfolio, use of a digital camera, and instructor approval is required.	Yes/ Visual Arts	Yes/ Visual Arts	Yes
Art Design 1-2	9-12		Yes/ Visual Arts	Yes/ Visual Arts	Yes
Ceramics 1-2	9-12		Yes/ Visual Arts	Yes/ Visual Arts	Yes
Computer Design 1-2	10-12	Computer Applications I, Art 1-2	Yes	Yes	Yes
Mixed Chorus/Sight-Singing	9-12		Yes	Yes	Yes
Music Appreciation	9-12		Yes	Yes	Yes
Music Theory	9-12		Yes	Yes	Yes
Theater Arts 1-2	9-12		Yes/Drama- Theater	Yes/Drama- Theater	No

\*This course can also be used to fulfill the PE requirement, but cannot count for both PE and Fine Arts.

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
10 credits (2 semesters) Must be a course that is one year in length (2 consecutive semesters). Any course taken beyond what is required will count towards the "Electives" graduation requirement.	N/A	Freshman (9) or Senior (12)

### *Art 1-2*

During the year-long course, students will study the theory and application of one- and two-point perspective; principles of drawing; styles of drawing using traditional and modern techniques; basic structure, light, and shade of figure drawing; painting; and art history. In the practice and production of painting and drawing, students will incorporate the basic elements and principles of art design, as taught during the two-semester sequence. In addition to the production of artistic works, students will study and gain a greater appreciation for artistic philosophy, criticism, and history. The formation of critical analysis and assessment is also incorporated into the course. Students will use different media to produce artistic works. Students will research an artist from their culture and produce a work by this artist or do a family crest

### *Art 3-4*

Art 3-4 is an advanced visual arts course designed for the student interested in pursuing a career in the field of art. The student will create more complex works utilizing concepts and techniques developed in Art 1-2. Students must be committed to work both inside and outside the classroom, as well as complete required museum visits. Independent rather than teacher generated works will be encouraged utilizing set criteria but allowing for student individuality as well as cultural diversity. Refinement of observational drawing skills and use of new media will be stressed. The student will be required to analyze visual artworks through group and individual written and oral critiques in a forum where dialogue based on aesthetics is respected and encouraged. The student will be introduced to photography, printmaking, sculpture, and will be required to incorporate previously learned drawing and painting techniques. The student will produce two original artworks for concentration that challenge the student conceptually and technologically. The concentration pieces are the student's own theme, chosen media and the result of personal creative experiences. These pieces should correspond with research of an artist who uses the chosen media or theme. The concentration pieces should be the final exhibition of proficiency in all areas of the visual arts learned in Art 1-2, 3-4. The student will produce a portfolio of original art. Instructor approval is required.

### *Art Design 1-2*

The course offers students interested in the visual arts an avenue for creative expression using calligraphic art form. The form and style is studied across a broad time horizon. Students will improve their ability to aesthetically value and perceive the historical and cultural context of different calligraphic art forms. The Roman, Italic, Celtic, Gothic, and Bookhand alphabets will be studied, with students required to practice, design, and execute projects for each. Ideograms, pictograms, and syllabaries will be studied as early forms of human communication. Layout development is stressed as students learn aesthetic designs, illustration procedures, types of paper, and the media used for lettering. The skills learned during the first semester are expanded upon in the second semester to allow students to create designs which reflect their interests and personalities.

### *Ceramics 1-2*

Students will learn to manipulate and expand their control of clay as a medium for sculpture. In the first part of the course, students will become familiar with the structure of the class, specifically the safety procedures they must follow. Students will learn and be expected to meet quality standards for craftsmanship, form, design, and shape. With the creation of utilitarian objects, methods will be taught to impart color into the body and surface of these pieces. Methods of construction include, but are not limited to, the use of coil, slab, drape, and pinch. Students will have an opportunity to experiment with a potter's wheel to create pieces.

### *Computer Design 1-2*

Computer design I is a computer/art course for students who are interested in the graphics design field. Students will develop skills in manipulating text and images. They will be given various design problems and will explore solutions for them. Students will increase their proficiency in all areas of the design process. This includes the application of formal design principles, type as image, creative brainstorming, conceptualizing, critical thinking, collaboration, and presentation.

### *Mixed Chorus/Sight-Singing*

This course is intended for the student who is considering a professional singing career, sings in the local church or community choir or just loves to sing and wants to know basic music theory and how to sing correctly as a soloist or in a chorus. Mixed chorus/Sight-Singing is designed to increase the vocal skill and performance levels of each student. The class is open to all students interested in participating in a mixed choir (soprano, alto, tenor, bass). Students will learn the basic musical elements of pitch, rhythm, harmony, form, tempo and dynamics and how to read music without the help of a piano or other singers. Students will perform music of varied complexity from a wide range of historical periods and styles. Individual keyboards will be provided. Students who successfully complete both semesters of the Music Appreciation course will fulfill the (f) requirement for the University of California entrance requirements.

### *Music Appreciation*

This course is intended for those students who love to listen to music and want to know more about the basic elements of music, the orchestra and the history and development of music. The class is designed to introduce students to the world of music through an introduction to musical elements, form, style, composers and historical periods from the Middle Ages through Rock. Listening skills are developed through a variety of listening samples from each period. The class is a lecture/listening/project - based course. Students who successfully complete both semesters of the Music Appreciation course will fulfill the (f) requirement for the University of California entrance requirements.

### *Music Theory 1-2*

This course is intended for the serious music student who plays an instrument or intends to play an instrument, is considering being a professional singer, composer, songwriter, publisher, copyist, engraver, or work in other aspects of the music business and wants to know the fundamentals of music. Music Theory integrates the study of the fundamental building blocks of music and their practical application in musical performance and composition. Areas emphasized will include musical analysis (rhythm, melody and harmony, sight-reading, texture, listening, etc.) Students will develop their own musical ideas through aural skills (listening and dictation), keyboard practice and composition. Individual keyboards are provided. Students who successfully complete both semesters of the Music Theory course will fulfill the (f) requirement for the University of California entrance requirements.

### *Theater Arts 1-2*

Students will gain an introduction to theater as a performing art through exploration, preparation, and performance. These goals are achieved from the perspective of the actor, director, technician, and critic. Acting, dancing, and singing comprise the performing components of the course. Students also study theatrical periods, the structure of drama, and theatrical literature. The ability to respond insightfully, both in writing and speech, to theater productions is a primary goal. Throughout the year, students will experience the tasks and duties associated with pre-production, production, and post-production. Career exploration of the theater and entertainment industries will be incorporated into each unit.

## ***World Language Department***

Course Title	Grade Level	Prerequisite Course Work*	Fulfills Requirement		Year or Sem.	Fee?
			UC	CSU		
French I	9-12	Grades 10-12 must have department approval.	Yes	Yes	Year	No
German I	9-12	Grades 10-12 must have department approval.	Yes	Yes	Year	No
Italian I	9-12	Grades 10-12 must have department approval.	Yes	Yes	Year	No
Latin I	9-12	Grades 10-12 must have department approval.	Yes	Yes	Year	No
Spanish I	9-12	Grades 10-12 must have department approval.	Yes	Yes	Year	No
Honors Spanish I	9	Grade of A or better in middle school English and Spanish entrance exam.	Yes	Yes	Year	No
French II	10-12	Grades 11 & 12 need department approval.	Yes	Yes	Year	No
German II	10-12	Grades 11 & 12 need department approval.	Yes	Yes	Year	No
Italian II	10-12	Grades 11 & 12 need department approval.	Yes	Yes	Year	No
Latin II	10-12	Grades 11 & 12 need department approval.	Yes	Yes	Year	No
Spanish II	10-12	Grades 11 & 12 need department approval.	Yes	Yes	Year	No
Honors Spanish II	10	Overall 3.8 GPA, completion of Honors Spanish I with a grade of 83% or better. Student must maintain 83% in order to remain in the second semester.	Yes	Yes	Year	No
French III	10-12	Minimum grade of 75% (C) in French II.	Yes	Yes	Year	No
German III	10-12	Minimum grade of 75% (C) in German II.	Yes	Yes	Year	No
Italian III	10-12	Minimum grade of 75% (C) in Italian II.	Yes	Yes	Year	No
Latin III	10-12	Minimum grade of 75% (C) in Latin II.	Yes	Yes	Year	No
Spanish III	10-12	Minimum grade of 75% (C) in Spanish II.	Yes	Yes	Year	No
Spanish IV	11-12	Minimum grade of B in Spanish III.	Yes	Yes	Year	No
Honors Italian IV Language & Culture	11-12	Overall 3.8 GPA, minimum grade of A in Italian III. Student must maintain 83% in order to remain in the second semester.	Yes	Yes	Year	No

AP French IV	11-12	Overall 4.0 GPA, minimum grade of A in French III. Student must maintain 83% in order to remain in the second semester.	Yes	Yes	Year	Yes
AP German IV	11-12	Overall 4.0 GPA, minimum grade of A in German III. Student must maintain 83% in order to remain in the second semester.	Yes	Yes	Year	Yes
AP Latin IV	11-12	Overall 4.0 GPA, minimum grade of A in Latin III. Student must maintain 83% in order to remain in the second semester.	Yes	Yes	Year	Yes
AP Spanish Language	11-12	Overall 4.0 GPA, minimum average of A in Honors Spanish II. Minimum average of A in both semesters of Spanish III, Minimum score of 90% on oral and written proficiency exam, and a commitment to take the AP exam in May. Student must maintain 83% in order to remain in the second semester.	Yes	Yes	Year	Yes
AP Spanish Literature	11-12	Overall 4.0 GPA, minimum average of 83% in AP Spanish Lang., A in both semesters of Spanish IV or Honors Spanish II, oral and written proficiency, and a commitment to take the AP Spanish Literature exam in May. Student must maintain 83% in order to remain in the second semester.	Yes	Yes	Year	Yes

\*All World Language classes beyond the 1<sup>st</sup> year require teacher approval, which is given by the student's present World Language teacher. AP Spanish Literature is the exception, needing the approval of the AP Spanish Language teacher.

In addition to the prerequisites, the following applies to all the World Languages:

- If a student has a D average for the year, he/she is required to take a summer school review course before going on to the next level.
- If a student receives an F for the first semester, the student is required to drop the class, and take an elective for the second semester. The student must start a new language the following year or attempt the same language again.
- If a student receives an F in the second semester of the course being studied, he/she must make up the semester in summer school or begin a new World Language during the next school year.

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
20 credits (4 semesters)	The first year of a World Language	Freshman (9)

Any course taken beyond what is required will count towards the “Electives” graduation requirement	The second year of the same World Language	Sophomore (10)
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### *French I*

This course acquaints students with the essentials of the French language. It is an introduction to basic vocabulary, patterns of the language, proper pronunciation, basic sentence construction, and certain aspects of the French culture.

### *German I*

This course acquaints students with the essentials of German grammar. It includes an introduction to basic vocabulary, patterns of the language and pronunciation.

### *Italian I*

This course acquaints the students with the essentials of the Italian language. It is an introduction to basic vocabulary, patterns of the language, proper pronunciation, basic sentence construction, and certain aspects of the Italian culture.

### *Latin I*

Students learn the rudiments of Latin grammar up to the use of the subjunctive mood. They accomplish this through translation and vocabulary drill. The translations will increase their knowledge of Greco-Roman mythology and history.

### *Spanish I*

This course acquaints the students with the essentials of the Spanish language. It is an introduction to basic vocabulary, patterns of the language, proper pronunciation, basic sentence construction, and certain aspects of the Spanish culture.

### *Honors Spanish I*

This course enhances reading, writing, speaking, listening, and grammatical skills. Prerequisite: Placement or teacher recommendation and C or better in Middle School English course.

### *French II*

This course continues the development of basic vocabulary, sentence construction, verb conjugation and usage. Students proceed to the finer points of style and syntax. They are exposed to the French speaking cultures of the world.

### *German II*

The development of basic vocabulary and familiarity with essential construction and patterns of the language are continued. Students go on to finer points of literary style and syntax.

### *Italian II*

This course offers students an opportunity to enhance their reading, writing, speaking and comprehension skills of the Italian language through active class use of vocabulary, grammar and syntax. The class is geared toward the development of the students’ ability to communicate effectively, both orally and in writing in the target language.

### *Latin II*

Students complete their study of Latin grammar and advance to unabridged readings from selected Latin authors.

### *Spanish II*

This course is a continuation of Spanish I with continued development of vocabulary, sentence construction, verb tenses and usage. Students go on to the finer points of style and syntax. They are exposed to the Spanish speaking cultures.

### *Honors Spanish II*

Students develop reading, writing, speaking, listening, and grammatical proficiency. Prerequisite: Completion of Honors Spanish I with C or better.

### *French III*

The knowledge of grammar is refined and the vocabulary base is strengthened. Major emphasis is placed on the use of the language in conversation. Some aspects of basic French literature are introduced.

### *German III*

The knowledge of grammar is refined and the vocabulary base is strengthened. Major emphasis is placed on a mastery of the language through written composition and oral conversation.

### *Italian III*

This course offers students an opportunity to further enhance their reading, writing, speaking and comprehension skills of the Italian language through frequent and active classroom use of vocabulary, grammar and syntax.

### *Latin III*

Students will survey Latin literature, concentrating on the Caesar & Cicero. Through the literature the students learn about Roman thought, customs and history.

### *Spanish III*

The knowledge of grammar is refined and the vocabulary base is strengthened and expanded. Major emphasis is placed on the use of the language in conversation. Peninsular and Latin American literature is introduced. Projects are required. One major oral presentation is required.

### *Spanish IV*

Students concentrate on grammar review and knowledge of the various Spanish speaking cultures. Increased ability to write and speak correctly with minimal interference from the English language is stressed. The students read literature of various kinds. They write essays and practice listening comprehension.

### *Honors Italian IV Language and Culture*

This is the capstone course in Italian, offered at the same level as the AP programs in other world languages, such as AP Spanish, AP German and AP French. The course provides a rigorous academic opportunity to qualified 4<sup>th</sup> year students. It is geared toward the development of students' ability to use the language in a variety of culturally-appropriate communicative tasks in all three modes of communication: interpersonal, interpretive and presentational.

### *AP French IV*

The knowledge of grammar is refined and expanded to include idiomatic usage. Language in conversation is emphasized and primary texts in French literature are studied. Students prepare to take the AP Language test.

### *AP German IV*

This course provides grammar review and practice. Emphasis is placed on oral communication and written composition. Aspects of literature, culture, and customs of Germany are studied in greater depth. Students prepare to take the AP Language test.

### *AP Latin IV*

Students read and study the Aeneid of Virgil in preparation for the AP exam.

### *AP Spanish Language*

This course entails literary study, grammar review, vocabulary enrichment, and conversational practice. Emphasis is placed on preparation for the AP exam in May.

### *AP Spanish Literature*

Students will read and discuss unabridged Spanish texts representing major works in the literary history of Spain and Latin America. Students develop critical thinking skills in Spanish through extensive class discussion and written literary analyses. Students prepare to take the AP Spanish Literature exam in May.