



***CURRICULUM  
OFFERINGS  
2010-2011***

***Ramona Convent  
Secondary School***

**ACKNOWLEDGMENTS - A special "thank you"**

**To**

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**UNIVERSITY OF CALIFORNIA/CALIFORNIA STATE UNIVERSITY  
ADMISSION SUBJECT REQUIREMENTS**

A student applying for admission as a freshman to the University of California must have completed at least 16 units of high school courses (equivalent to 16 year courses or 32 semester courses). Fifteen of these units must have been earned in academic or college preparatory courses, as specified in the “a-g” course requirements list. At least seven of the fifteen units must have been earned in courses taken during the last two years of high school.

The “a-g” list can be summarized as follows:

- (a) **History / Social Science** – Two years required, including one year of U.S. history or one-half year of U.S. history and one-half year of civics or American Government; **and** one year of world history, cultures, and geography.
- (b) **English** – Four years of college preparatory English that include frequent and regular writing, and reading of classic and modern literature.
- (c) **Mathematics** – Three years of college preparatory mathematics that include the topics covered in elementary and advanced algebra and two- and three-dimensional geometry.
- (d) **Laboratory Science** – Two years of laboratory science providing fundamental knowledge in at least two of these three disciplines: biology (which includes anatomy, physiology, marine biology, aquatic biology, etc.), chemistry, and physics.
- (e) **Language other than English** – Two years of the same language other than English.
- (f) **Visual & Performing Arts** – One year, including dance, drama/theater, music, and/or visual art.
- (g) **College Preparatory Elective** – In addition to those courses required in “a-f” above, one year (two semesters) of college preparatory electives are required, chosen from visual and performing arts, history, social science, English, advanced mathematics, laboratory science, and language other than English.

Students must satisfy the VPA requirement (f) by completing an appropriate single course in a year-long sequence (i.e., the second semester must be the continuation of the first semester, requiring the first semester as a prerequisite).

*The California State University system has agreed to accept courses certified by the University of California to meet its subject area requirements, which are virtually the same as California State University’s requirements.*

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***MISSION STATEMENT***

**Ramona’s mission as a Catholic school sponsored by the Sisters of the Holy Names of Jesus and Mary is to provide an educational program that results in graduates who are well-rounded young women characterized by academic excellence, spiritual depth, moral strength, and personal grace, open to the wisdom of other cultures and traditions, and prepared for leadership in the twenty-first century.**

## ENGLISH DEPARTMENT SUMMER READING

### SCHEDULING TIMETABLE - SPRING 2010

- FEBRUARY** - Student receives curriculum booklet, discusses possible courses with parents, and applies for honors/AP classes; student makes appointment with counselor, if necessary.
- MARCH 1** (continuing students) - **Non-refundable** enrollment fee, financial forms, and emergency/earthquake release form due in Business Office.
- MARCH 3** - Student receives instructions and registration form. Financial forms and emergency/earthquake release form will be mailed.
- MARCH 10** - Signed course registration forms or form indicating student is not returning due to counselors; students retain one copy of registration form.
- MARCH 3 – MARCH 11** - Students input course requests on home or school computers into PowerSchool: <http://ramonaconvent.powerschool.com>

### INSTRUCTIONS FOR SCHEDULING

1. Note required courses on all grade levels. Check graduation and college entrance requirements when planning your courses for next year.
2. Be certain to sign for seven blocks of classes. In case of semester courses, select one for each semester. Choose **six to eight** alternates for your elective.
3. Qualified students may sign for a maximum of **three** advanced placement or honors courses. Petitions for permission to add additional honors or A.P. classes may be obtained from the counselor by March 4.
4. Students should choose their courses carefully. Course requests are final as of **March 11**. Student courses may be changed by the Dean of Studies **if prerequisites are not met** in second semester grades, so each student must list acceptable alternates. (See course change policy.)
5. **Courses cannot be dropped by the student after she registers for them.**
6. After-school Choir or Instrumental Ensemble fees will **not be refunded** after the first day of classes.
7. If the enrollment fee or financial forms are not submitted by **March 11**, the student may not be offered admission for the 2010-2011 school year.

### GRADE 11

Students entering **11<sup>th</sup> grade regular English** must read **three** books. Everyone must read the following:

*The Crucible* - Miller

Students then choose **two** from the following list:

*Black Boy* - Section 1-Wright

*Bluest Eye* - Morrison

*The Awakening* - Chopin

*East of Eden* - Steinbeck

*The Sun Also Rises* - Hemingway

*My Life and Hard Times* - Thurber

*Woman Warrior* - Kingston

Students entering **11<sup>th</sup> grade AP English Language and Composition** must read **all four** of the following:

*The Great Gatsby* - Fitzgerald

*Woman Warrior* - Kingston

*Love Medicine* - Erdrich

*The Awakening* - Chopin

### GRADE 12

Students entering **12<sup>th</sup> Grade regular English** must read **all four** of the following :

*The Stranger* - Camus

*Love in the Time of Cholera* - Marquez

*Antigone* - Sophocles

*Goodbye, Tsugumi* - Yoshimoto

Students entering **12<sup>th</sup> Grade AP English Literature** must read **all four** of the following:

*Dubliners* - Joyce

*Twelfth Night* - Shakespeare

*Obasan* - Kogawa

*Native Son* - Wright

## ENGLISH DEPARTMENT SUMMER READING

### GRADE 10

Students entering **10<sup>th</sup> grade regular English** must read **three** books. Everyone must read the following **two**:

*Great Expectations* - Dickens  
*1984* - Orwell

Students then choose **one** from the following list:

*Jane Eyre* - Bronte  
*Rebecca* - DuMaurier  
*Brave New World* - Huxley  
*The Tempest* (play) - Shakespeare  
*Pride and Prejudice* - Austen  
*The Picture of Dorian Gray* - Wilde

Students entering **10<sup>th</sup> grade English Honors** must read **four** books. Everyone must read the following:

*Great Expectations* - Dickens  
*Beowulf* - trans. Heaney (Read *Beowulf* **before** *Grendel*)  
*Grendel* - Gardner  
*Rebecca* - Du Maurier

## REQUIRED COURSES - GRADES 7-12

Grade 7	Grade 8	Grade 9
Theology	Theology	Theology 9
English 7	Literature	English 9
Literature	Integrated Arts	Mathematics
Mathematics	Mathematics	Global Studies
U. S. Hist/Gov	U.S. HistGov	World Language
Integrated Arts	Investigations in Science & Tech	Arts or Science
Investigations in Science & Tech	World Language	Int.Sprts, Fitness, Health
Grade 10	Grade 11	Grade 12
Theology 10	Theology 11	Theology 12
English 10	English 11	English 12
Mathematics 10	Mathematics 11	American Government/ Economics
Modern World History	U. S. History	
World Language	Chemistry	
Biology		

### GRADUATION REQUIREMENTS - GRADES 9-12

(Five units are assigned for each semester course successfully completed and ten units are assigned for each year course successfully completed.) Units needed for high school graduation: 260

COURSES	GRADUATION REQUIREMENTS
Theology	40 units/or each semester of attendance
English	40 units
Social Studies	40 units
Mathematics	30 units
World Language	20 units
Science	25 units
* Arts	15 units
Arts Appreciation I	5 units
Physical Education	8 units
Health	2 units
Speech	5 units
Electives	27.5 units
** Computer Applications	2.5 units
Arithmetic Proficiency	competency test

**Total Units: 260**

\*The Arts requirement **can be fulfilled only** by taking courses in Ramona's Arts Department.  
\*\*May be satisfied by course at Ramona or approved course taken elsewhere before/during attendance at Ramona. Or by satisfactory performance on the computing test (see course description for subjects covered) given in late February.

## ***ADDITIONAL SCHEDULING INFORMATION***

### ***GENERAL***

- Each student's schedule is **final**, based upon the requests made by the student and approved by teachers, counselors, and parents in the spring of each academic year.
- The Dean of Studies reserves the right to change the student's schedule at the request of faculty, when courses are dropped from the curriculum, or when the student fails to meet prerequisites or requirements.
- Usually, course changes are not permitted at all. On rare occasions, student-initiated changes for a semester course will be permitted before the first week of the semester. Excellent, verifiable change of circumstance and parent permission are required as well as a **\$20** course change fee.
- **Changes are not permitted within the same curriculum offering, i.e., Global Studies to Global Studies, Algebra I to Algebra I, etc.**
- In this booklet, the letter (P) designates college preparatory classes; (HP) designates honors college preparatory classes; (AP) designates advanced placement classes. Courses so marked are recognized as such by both the UC and CSU systems.
- Be sure to have your financial forms, **non-refundable** enrollment fee, and emergency/earthquake release form turned in to the Business Office by **MARCH 1**. No registration or scheduling information can be processed until these items have been submitted.
- An undersubscribed course will not be scheduled and those students who did request that course will be placed in an alternate class.

### ***REQUIRED COURSES***

- Courses required for graduation **may not be** taken at another school. **Any possible exceptions should be brought to the attention of the Dean of Studies** in advance, no later than March 18th.
- Elective courses and/or makeup courses may be taken in summer school and/or night school **only** with advanced permission of the counselor and the Dean of Studies; permission must be procured no later than March 18th.

### ***ACCELERATED STUDENTS***

Acceleration of a student is not permitted at Ramona. Acceleration is understood to mean skipping an academic year for the purpose of early graduation.

## ***ENGLISH DEPARTMENT SUMMER READING***

Students entering the following grades and English classes **must** read the indicated books during the summer. During the first weeks of school, English teachers will require all students to deliver oral or written projects/reports on the books they have read.

### ***7/8 GRADES***

Students entering 7th or 8th grades are required to read three books from the following list. Read the books you have not previously read:

*The Giver* - Lowry  
*Homeless Bird* - Whelan  
*Freak the Mighty* - Philbrick (also published as *The Mighty*)  
*Walk Two Moons* - Creech  
*Parrot in the Oven* - Martinez  
*Nectar in a Sieve* - Markandaya

### ***GRADE 9***

Students entering **9<sup>th</sup> grade** are required to read **three** books. Everyone must read the following :

*Bless Me, Ultima* - Anaya  
*The Martian Chronicles* - Bradbury  
*A Raisin in the Sun* - Hansberry

## ***GUIDANCE DEPARTMENT***

The guidance and counseling program at Ramona is concerned with all aspects of the development of the individual's personality. Guidance is seen as a process of helping each student through her own efforts to discover and develop her best talents for personal happiness and social usefulness. The overall focus of the guidance program aims to help every student develop personally, socially, and physically as well as intellectually.

Ramona's guidance counselors are available for appointments during the school day. Students are scheduled for appointments during the school day. Students are encouraged to contact the counselor personally or by note or voice mail. The counselors will then arrange an appointment time.

A ten-session study skills class is offered after school every quarter, meeting two days a week.

In addition, the counselors will arrange to see all members of each class individually to provide ongoing education and support in the areas of college and career preparation and in subjects dealing with personal growth. A Conflict Resolution Program is available for all students who might be experiencing peer conflicts. This program is run by trained and supervised peer counselors

## ***ARTS DEPARTMENT***

For most of the courses in this department, a fee is charged in lieu of purchasing a textbook. This fee pays for the student supplies needed for the course.

**INTEGRATED ARTS A - 3015**  
**INTEGRATED ARTS B - 3018**

**Grades: 7/8**  
**Grades: 7/8**

The junior high will spend two years exploring and experimenting with the visual and performing arts disciplines of dance, drama, music, and studio art. Assignments will incorporate one or more of these disciplines at a time. The student will explore the arts and her own instrument (mind, body, voice, and vision) as a performer and visual artist. She may come to a deeper understanding of what it is to be human and a citizen of the world: well-rounded, with characteristics of academic excellence, spiritual depth, moral strength, personal integrity and grace, always open to the wisdom of other cultures and traditions.

**ARTS APPRECIATION I & II - 3038 (year course)**

**Prerequisite: None**  
**Grades: 10-12**

This course is an overview of the history of painting, sculpture, architecture and music throughout the world. Students will develop critical and analytical observational skills as well as an understanding of the geographic, economic, social, and historical contexts of art. **The making of art is an integral part of the course.** Students will complete projects that allow them to experience techniques and media reflective of each time period studied. The fall semester course covers prehistoric times to the Gothic era. The spring semester course covers the Renaissance to modern and post-modern eras.

**Fee Required**

**ARTS APPRECIATION I (P) - 3025**

**Prerequisite: None; required for graduation as scheduled**  
**Grades: 10-12**

Semester course only — either Fall or Spring. See description for Arts Appreciation I & II.  
**Fee Required.**

**ARTS APPRECIATION II (P) (1st Semester) - 3030** **Prerequisite: Arts Appreciation I**  
**Grades: 10-12**

Any student who has already taken Arts Appreciation I during the second semester or the summer and wishes to take the first semester course as Arts Appreciation II should sign up for **3030**. This semester course covers prehistoric times to the Gothic era. **Fee Required.**

**ARTS APPRECIATION II (P) (2nd Semester) - 3035** **Prerequisite: Arts Appreciation I**  
**Grades: 10-12**

Any student who has already taken Arts Appreciation I during the first semester and wishes to take the second semester course as Arts Appreciation II should sign up for **class #3035**. This semester course covers the Renaissance to modern times. **Fee Required.**

## ARTS DEPARTMENT

### MUSIC:

#### CONCERT CHOIR I (P) – 3050

**Prerequisite:** None  
**Grades:** 7-12

This is a choral music class focused on beginning to intermediate choral singing. Students study elements of vocal production, part singing, and performance protocol. Emphasis is given to sight-reading skills and the recognition and comprehension of melodic and rhythmic patterns as well as music theory. In addition, students will study and perform sacred and secular works from various historical periods and cultures, as well as from contemporary popular and liturgical music. This performing ensemble meets **AFTER SCHOOL** from 3:00 P.M. to 4:30 P.M. on Tuesdays and Thursdays, and is in conflict with after-school sports. Attendance and academic expectations are the same as those in courses that meet during the school day. **Participation in performances is required.**

**Tuition:** \$300 per year or \$160 per semester, non-refundable as of the first day of class. **Materials fee also applies.**

#### CONCERT CHOIR I SEM (P) – 3055

**Prerequisite:** None  
**Grades:** 7-12

This is one semester only of the year-long after-school Concert Choir course. It is offered for those students who can fit only one semester of Choir or Chamber Singers into their schedules during the day. See class description under Concert Choir I #3050. This performing ensemble meets **AFTER SCHOOL** from 3:00 P.M. to 4:30 P.M. on Tuesdays and Thursdays, and is in conflict with after-school sports. Attendance and academic expectations are the same as those in courses that meet during the school day. **Participation in performances is required.**

**Tuition:** \$160 per semester, non-refundable as of the first day of class. **Materials fee also applies.**

#### CONCERT CHOIR II (P) – 3250

**Prerequisite:** Concert Choir I  
**Grades:** 7-12

This is a year-long course in choral music focusing on beginning to intermediate choral singing for those who have taken Concert Choir I. See class description under Concert Choir I #3050. This performing ensemble meets **AFTER SCHOOL** from 3:00 P.M. to 4:30 P.M. on Tuesdays and Thursdays, and is in conflict with after-school sports. Attendance and academic expectations are the same as those in courses that meet during the school day. **Participation in performances is required.**

**Tuition:** \$300 per year or \$160 per semester, non-refundable as of the first day of class. **Materials fee also applies.**

## WORLD LANGUAGE S DEPARTMENT

#### SPANISH IV-ADVANCED PLACEMENT LANGUAGE (P) or (AP) - 4130

**Prerequisites:** B in Spanish III;  
department selection based on  
grades; attendance at AP  
Orientation meeting.  
**Grades:** 11-12

This course continues to address all the basic language skills. The course includes thorough preparation for the AP Language exam requiring the use of a standard size tape recorder. College credit may be obtained provided a satisfactory score is achieved on the Advanced Placement Exam (Spanish Language). There are readings from Spanish and Latin American cultures. This course enhances critical thinking and analytical skills necessary for success in college. This course requires a serious approach to the study of Spanish.

#### SPANISH FOR HERITAGE SPEAKERS

#### SPANISH I FOR HERITAGE SPEAKERS (P) - 4200

**Prerequisite:** department  
placement  
**Grades:** 8-12

This course introduces heritage speakers of Spanish to basic grammatical structures such as commands, present tense, all progressive tenses, preterit tense, imperfect tenses and core vocabulary in order to achieve clarity in oral and written expression. The study of Hispanic cultures and an introduction to short stories is an integral part of this course. A sufficient number of students are needed in order for this course to take place.

#### SPANISH IV FOR HERITAGE SPEAKERS— ADVANCED PLACEMENT LITERATURE (AP) - 4250

**Prerequisite:** B- in Heritage  
Speaker Spanish III;  
department selection based on  
grades; attendance at  
AP Orientation meeting.  
**Grades:** 11-12

This course approximates the introductory course typically taught at the college level. This AP Course is comprehensive and includes an expanded literature list. The diverse literature written in Spanish helps the student reflect on the many voices and cultures included in the very rich Spanish literature. Author movements and literary devices are studied. College credit may be obtained provided a satisfactory score is achieved on the Advanced Placement Exam for Spanish Literature.

## WORLD LANGUAGE S DEPARTMENT

### SPANISH

#### SPANISH I (P) - 4100

**Prerequisite: None**  
**Grades: 8-12**

This course is an introduction to the study of basic Spanish comprehension, speaking, reading and writing skills. Core grammar, including present, present irregular, preterit, preterit irregular, and present progressive tenses, and basic vocabulary are introduced. Spanish and Latin American cultures are an integral part of this course.

#### SPANISH II (P) - 4110

**Prerequisite: C in Spanish I**  
**Grades: 9-12**

This course is a continuation of the development of all four language skills. There is development in writing, reading and oral skills. Advanced grammatical structures are studied. The grammar includes, but is not limited to, the preterit tense, all command forms, the imperfect tense, relative pronouns, all progressive tenses and object pronouns. The future and conditional tenses are included. Vocabulary is enriched and Hispanic cultures are studied through readings and activities. The preliminary chapters in the textbook review material previously taught.

#### SPANISH III (P) - 4120

**Prerequisite: C in Spanish II**  
**(taken during the year at**  
**Ramona for the first time)**  
**Grades: 10-12**

This course further develops all four language skills. There is emphasis on advanced grammar which includes, but is not limited to, the subjunctive, all relative pronouns, all compound tenses and verb clauses. Vocabulary is further built and sophisticated locutions are introduced. Readings are included that address culture, contemporary issues in Spanish-speaking countries and reinforce vocabulary. There is extensive training in written and oral skills. Each chapter reviews material taught in Levels I and II.

**Note: Any make-up summer school course taken here at Ramona or elsewhere will not be accepted as a pre-requisite to enrolling in Spanish III.**

## ARTS DEPARTMENT

#### CHOIR I (P) – 3100

**Prerequisite: None**  
**Grades: 9-12**

This is a choral music class focusing on beginning to intermediate choral singing. Students study elements of vocal production, part singing, and performance protocol. Emphasis is given to sight-reading skills and the recognition and comprehension of melodic and rhythmic patterns as well as music theory. In addition, students will study and perform sacred and secular works from various historical periods and cultures, as well as from contemporary popular and liturgical music. This performing ensemble meets during a regular school block. **Participation in performances is required.**  
**Materials fee applies.**

#### CHOIR II (P) – 3200

**Prerequisite: Choir I**  
**Grades: 10-12**

This is the year-long course for those who have already taken Choir I. See class description under Choir I #3100. This performing ensemble meets during a regular school block. **Participation in performances is required.**  
**Materials fee applies.**

#### CHOIR I SEM I (P) – 3125

**Prerequisite: None**  
**Grades: 9-12**

This is one semester only of the year-long Choir I. See class description under Choir I #3100. It is for those students who are interested in being in the choir but can fit only one semester of Choir I into their schedules. This performing ensemble meets during a regular school block. **Participation in performances is required.**  
**Materials fee applies.**

#### CHOIR III (P) – 3200

**Prerequisite: Choir I**  
**Grades: 11-12**

This is the year-long course for those who have already taken Choir II. See class description under Choir I #3100. This performing ensemble meets during a regular school block. **Participation in performances is required.**  
**Materials fee applies.**

#### CHAMBER SINGERS (P) – 3400

**Prerequisite: Audition; at least 1 year in a**  
**Ramona choral ensemble, or application**  
**and acceptance by instructor.**  
**Grades: 10-12**

This is a year-long choral music class focusing on advanced choral singing. Students must demonstrate, through audition, the ability to learn and perform more complex music at a rapid pace. Emphasis is given to sight-reading skills and advanced music theory. Students will study and perform sacred and secular works from various historical periods and cultures, as well as contemporary popular and liturgical music in performance venues both on- and off-campus. This performing ensemble meets during a regular school block. **Participation in performances is required.**  
**Estimated incidentals: \$75 for concert dress. Materials fee also applies.**

## ARTS DEPARTMENT

**HONORS CHAMBER SINGERS (P) – 3475** Prerequisite: Audition, at least 1 year in a Ramona choral ensemble, or application and acceptance by instructor.  
Grades: 10-12

The honors option is available to juniors and seniors at the instructor's discretion. Honors students will be expected to fulfill all requirements listed above for Chamber Singers, as well as function as section leaders, cantors, soloists, and small ensemble singers. Additional requirements may include music library assistance, research papers and concert observations. This performing ensemble meets during a regular school block. **Participation in performances is required.**  
**Estimated incidentals: \$75 for concert dress. Materials fee also applies.**

**BELL/CHIME ENSEMBLE – 3385** Prerequisite: None  
Grades: 9-12

The Bell/Chime Ensemble presents a musical opportunity for students wishing to be involved in a performing ensemble, regardless of previous experience in reading music or playing handbells or handchimes. Basic and advanced techniques of playing handbells and handchimes are acquired and developed. Students will rehearse and perform original music for handbells and handchimes as well as transcriptions. In addition, students will acquire and continue to develop proficiency in reading music and ringing technique, including music theory and advanced ringing skills. This performing ensemble meets during a regular school block. **Participation in performances is required.**  
**Materials fee applies.**

**AFTER-SCHOOL BELL/CHIME ENSEMBLE – 3393** Prerequisite: None  
Grades: 7-12

This course is an ensemble class that provides an additional opportunity for students wishing to be involved in a performing ensemble, regardless of previous experience in reading music or playing handbells or handchimes. Basic and advanced techniques of playing handbells and handchimes are acquired and developed. Students will rehearse and perform original music for handbells and handchimes as well as transcriptions. In addition, students will acquire and continue to develop proficiency in reading music and ringing technique, including music theory and advanced ringing skills. This performing ensemble meets **AFTER SCHOOL** from 2:55 P.M. to 4:25 P.M. on Mondays and Wednesdays, and is in conflict with after-school sports. Attendance and academic expectations are the same as those in courses that meet during the school day. **Participation in performances is required.**  
**Tuition: \$300 per year or \$160 per semester, non-refundable as of the first day of class. Materials fee also applies.**

## WORLD LANGUAGE DEPARTMENT

**FRENCH III (P) - 4020** Prerequisite: C in French II  
Grades: 10-12

This course further cultivates all four language skills. It incorporates greater development of writing, speaking, and reading skills, with emphasis on advanced grammar and vocabulary building. The study of French/Francophone culture is an integral part of the class. Participation in the National French Contest level III is mandatory. A standard size tape recorder is required for this course.

**FRENCH IV (P) - 4035** Prerequisites: B- in French III  
Grades: 11-12

This course continues oral and written work in grammar, reading, and composition, all of which emphasize French/Francophone culture. Students have until October to decide if they will take the AP French Language exam. A standard size tape recorder is required. Participation in the National French Contest level IV is mandatory.

**FRENCH IV-ADVANCED PLACEMENT LANGUAGE (AP) - 40**  
Prerequisites: B- in French III; department selection based on grades; attendance at AP Orientation meeting.  
Grades: 11-12

This course improves oral and written work in grammar, reading, and composition, all of which emphasize French/Francophone culture. It includes thorough preparation for the AP Language Exam. Participation in the National French Contest level four is mandatory. A standard size tape recorder is required. This is an advanced class for which college credit may be obtained provided a satisfactory score is achieved on the Advanced Placement Exam (French Language). This course enhances critical thinking and analytical skills necessary for success in college.

## WORLD LANGUAGES DEPARTMENT

### General Information

1. All levels; III, IV, and V courses require the APPROVAL OF THE PREVIOUS TEACHER and satisfactory completion of prerequisites. Students new to Ramona need department approval for Spanish Heritage Speaker courses.
2. If a student does not achieve a C in the first year of language study she is required to take a summer school course or repeat the course and demonstrate proficiency by passing both semester exams of the level she is repeating with a grade of “C” before she proceeds to the next level.
3. Students who are determined by the department to be Heritage speakers of Spanish must enroll in the Heritage Speaker course or enroll in French.
4. Students who earn a C in a first level course must enroll in the second level course. No switching of language study is allowed. Furthermore, students who are enrolled in Spanish cannot switch to any Spanish for Heritage Speakers course without first passing the Spanish for Heritage Speakers’ semester exams with a grade of “C.”
5. Students who earn a grade lower than a C– in any world language course cannot enroll in a new continuing language course.
6. Students new to AP must attend the orientation meeting.

### FRENCH

#### FRENCH I (P) - 4000

**Prerequisite: None**  
**Grades: 8-12**

This course is an introduction to the study of French with emphasis on all language skills. Core grammar structures and vocabulary are learned in oral, listening, and written activities. Readings are introduced throughout the course. The study of French/Francophone culture is an integral part of the course. Participation in the National French Contest level I is mandatory.

#### FRENCH II (P) - 4010

**Prerequisite: C in French I**  
**Grades: 9-12**

This course is a continuation of all four language skills with a greater development in writing, reading, listening, and oral skills. The study of French/Francophone culture is an integral part of the class. Participation in the National French Contest level II is mandatory.

## ARTS DEPARTMENT

### DRAMA AND DANCE:

#### DRAMA (P) - 3585

**Prerequisite: None**  
**Grades: 9-12**

This year-long course is designed to introduce the art of the actor through performance. It also introduces the history of drama, the elements of theatrical design, and the craft of research and writing for and about theatre and film. Students will develop their aesthetic perception by critically thinking about theatre and film. They will develop their creative expression through writing, performance, and design projects. They will make connections to other subject areas by applying theatre skills to those other subjects. They will develop a sense of theatre history and its cultural context through research. By the end of the first semester, students will have a beginning understanding of the history of drama and the skills involved in the dramatic profession. By the end of the course, students will write, design, act, direct, and produce original theatre pieces.

**Fee Required.**

#### DANCE (P) - 3595

**Prerequisite: None**  
**Grades: 9-12**

This year-long course is designed to introduce the art of dance through performance. It also introduces the cultural history and influence of dance, the elements of choreographic design, and the craft of research and writing for and about dance. Students will develop their aesthetic perception by critically thinking and writing about dance. They will develop their creative expression through choreographic and performance projects. They will develop their communication and time management skills by working collaboratively. By the end of the first semester, students will have a beginning understanding of the history and skills of various dance forms. By the end of the course, students will choreograph, teach, perform, and produce original dance pieces.

**Fee Required.**

### ART:

#### VISUAL ART I & II (P) - 3800

**Prerequisite: None**  
**Grades: 9-12**

This year-long (two semesters) course is designed to give students the necessary technical and perceptual tools to increase their interest in art and give them confidence to pursue higher visual art challenges. Students learn through various projects how to identify art movements and styles. Through individual and group critiques, students also develop their ability to evaluate artwork and increase their ability to communicate ideas in a forum where a dialogue based on aesthetics is respected and encouraged. Students will be introduced to a variety of media and techniques in order to develop their aesthetic sensibilities. Students will also develop a strong personal portfolio comprising their own body of artwork throughout the year. **Visual Art I** (as a semester) is **3815**; **Visual Art II** (as a semester) is **3810**.

**Fee Required.**

## **ARTS DEPARTMENT**

### **VISUAL ART III (P) - 3980**

The structure of the year-long Art III class is designed to introduce advanced concepts and technical skills in art. Originality, creativity, and design through self-expression are emphasized. The student will be required to show a significant amount of technical proficiency and creative process on each project. Art III students will share the same class with AP Studio Art students and will participate in all class work exercises, lectures, discussions, and critiques. Artist, museum, and gallery visits are an integral part of this course of study. **Fee Required.**

### **AP STUDIO ART (AP) - 3990**

**Prerequisite: Art I & II and approval by AP process with a plan for concentration and 2 works completed before admission**  
**Grades: 10-12**

This year course is a rigorous advanced study in art that requires self-motivation and guidance, along with extensive work outside of class. Time management and commitment are essential. The projects completed in this class are designed to meet the requirements for the College Board AP portfolio. Artist, museum, and gallery visits are an integral part of this course of study. **Fee Required.**

### **CALLIGRAPHY - 3600**

**Prerequisite: None**  
**Grades: 9-12**

The Chancery Italic, Old English, Uncial, and Diploma lettering will be taught and used throughout the semester. Illumination and Decorative Capital Letters will be inspired by works of antiquity through library research. Letters of communication, posters, and greeting cards will be additional projects. **Fee Required.**

### **CERAMICS I - 3850**

**Prerequisite: None**  
**Grades: 9-12**

This semester course is a technical and aesthetic exploration of 3-dimensional design through the medium of clay. The course will also include 2-dimensional basic drawing and layout skills. The student will participate in a wide range of experiences using additive or subtractive sculpture techniques designed to build artistic and creative confidence. The products created in this course may be functional items or fine art works. **Fee Required.**

### **CERAMICS II - 3875**

**Prerequisite: Ceramics I**  
**Grades: 10-12**

This semester course is a technical and aesthetic exploration of 3-dimensional design through the medium of clay. The course will also include 2-dimensional basic drawing and layout skills. Emphasis will be on an advanced use of the potter's wheels, and making covered containers, pitchers, and other decorative vases and bottles. Sculptural forms will cover both realism and abstraction. Glazing techniques and decorating will be more advanced. **Fee Required.**

## **THEOLOGY DEPARTMENT**

### **THEOLOGY 11**

#### **OUR CHURCH, YESTERDAY, TODAY, AND TOMORROW/**

**SOCIAL JUSTICE - 7485 Prerequisite: None**  
**Grade: 11**

This course will help students gain an awareness of God's activities in salvation history culminating in the person of Jesus Christ. Students will examine the who, when, and why of the Church, beginning with Jesus Christ. They will also explore the way that the Church has grown and changed over time. Students will discover the Church as a lived reality and their place in that reality. First semester course.

The second semester presents the possibility of living the Gospel principles of love and freedom in a contemporary, social dimension. Students will develop the potential to live and work for justice by studying the religious and social elements that form fundamental life perspectives. Catholic social teachings are applied to the crucial issues of human dignity and prejudice, human rights and poverty, consumer culture and hunger, and war and peace. Second semester course.

### **THEOLOGY 12**

#### **CONTEMPORARY ISSUES IN CATHOLICISM/WORLD RELIGIONS - 7575**

**Prerequisite: None**  
**Grade: 12**

The first semester class is focused on the Church after the Second Vatican Council and the challenges faced by the Church as we continue to implement the changes initiated by the Council. In addition, the class will provide basic tools for evaluating theological information, especially with regard to the Catholic Church. Students will then apply these tools to a contemporary topic of interest as we explore "the Church with a human face."

**Fee Required:**

In the second semester, the focus shifts to the study of the key elements of belief and practice of the major world religions including the following: Native American/Aboriginal religions, Judaism, Islam, Hinduism, Buddhism, Confucianism, Taoism, and Shinto. Students will be given the opportunity to explore, understand, and appreciate the communal, cultural, and historical dimensions of religion and the process by which religions develop.

## ***THEOLOGY DEPARTMENT***

### **THEOLOGY 9**

#### **SCRIPTURE VALUES - 7275**

**Prerequisite: None**  
**Grade: 9**

This course offers a general knowledge and appreciation for the Old and New Testaments, with a focus on the deeper meaning of the person and message of Jesus. The course will explore revelation, the mystery of Jesus Christ, paschal mystery, and the Trinity. The course will provide scriptural interpretation skill strategies as well as time and space to reflect on personal values and their personal response to the mission of Jesus Christ.

One year course.

### **THEOLOGY 10**

#### **CHRISTIAN MORALITY/SACRAMENTS - 7380**

**Prerequisite: None**  
**Grade: 10**

The first semester will examine the elements which go into Christian moral decisions: Christian values, internal freedom, adult conscience, responsibility and commitment, law and authority, stages of moral development. Students will be challenged to carry out the vision of Christ as members of an effective moral community and to discover the importance of conscience formation in making personal, moral decisions. Contemporary moral issues will be explored and studied in an informed manner and in light of Christian principles.

God is present to us in a very special way in the sacraments. This second semester course focuses on the meanings of signs and symbols in daily life and how sacraments are signs of God's presence and working in daily life. The course explores the meaning of each sacrament in detail, focusing on its history and challenging the students to live the sacraments in their own daily life-experiences.

## ***ARTS DEPARTMENT***

### **CERAMICS III (P) - 3880**

**Prerequisite: Ceramics II**  
**Grades: 10-12**

This semester course is a continuation of Ceramics II, in which a student will be taught advanced methods of hand-slab and coil pottery-making, ceramic sculpture, and decorative glazing. Along with advanced projects from the potter's wheel, additional library research will inspire the appreciation of ethnic and cultural ceramic art work. **Fee Required.**

### **YEARBOOK - 3950**

**Prerequisite: None**  
**Grades: 10-12 - limited enrollment**

Yearbook is a *year* course. Required is the ability and willingness to learn and follow publishing guidelines; become expert in using graphics software; cover once-in-a-lifetime events for the information of who, what, where, when, how, and why; take action /reaction pictures; interview significant persons; write stories, captions, headlines; meet deadlines; sell yearbooks and obtain ads to help to defray the cost of the book. During the fourth quarter, staff members are involved in recording spring activities for inclusion in the next year's publication. Only those who can do hard work need apply. **Fee Required.**

### **PHOTOGRAPHY I (P) - 3710**

**Prerequisite: None**  
**Required: 35mm SLR camera (furnished by student)**  
**Grades: 11-12 - limited enrollment**

Photography I is a year-long course that fulfills the "g" requirement established by the University of California. It consists of a history of photography that includes technical advancements and its beginnings as a cultural art that incorporates an understanding of what artistic perception, creative expression and aesthetic valuing are, as well as how the art form is connected to universal themes, a variety of media, and career-related skills. Taught are the skills of using a camera, composing pictures, processing black and white film and using a darkroom. The student creates a beginning portfolio to be reviewed by the instructor each semester. Digital photography is introduced. The supplies will run approximately \$200 (camera not included). **Fee Required.**

### **PHOTOGRAPHY II (P) - 3720**

**Prerequisite: Photography I**  
**Required: 35mm SLR camera**  
**(furnished by student)**  
**Grades: 11-12 - limited enrollment**

Photography II is a year-long course. Reviewed are the techniques and processes learned in Photography I. Included are advanced composition, printing, and film developing techniques. The student produces an advanced portfolio reviewed each semester. New photographic equipment is demonstrated. The student learns about different films and their uses. The student works with digital cameras and photographic software, such as Photoshop, to enhance pictures. The student uses video cameras and editing programs in video production. The class explores the future of photography through research into innovative equipment. Trends and issues in film and video are discussed. The student must have her own digital equipment. **Fee required.**

## **ARTS DEPARTMENT**

### **INTRODUCTION TO PHOTOGRAPHY A - 3700**

**Prerequisite:** None  
**Required:** 35mm SLR camera  
(furnished by the student)  
**Grades:** 10-12 - limited enrollment

This is a semester course that covers the basics: cameras, film, composition, film developing, and printing pictures. The student uses artistic perception and creativity to produce photographic assignments and learns to evaluate her work according to the elements of art. She prepares a beginning portfolio by the end of the semester. Supplies cost approximately \$200, not including the cost of a camera.  
**Additional fee required.**

### **INTRODUCTION TO PHOTOGRAPHY B - 3750**

**Prerequisite:** None  
**Required:** 35mm SLR camera  
(furnished by the student)  
**Grades:** 10-12 - limited enrollment

This is a semester course that includes advanced work in film, composition, and printing pictures. The student is taught a variety of ways to shoot pictures and use different printing methods. She is introduced to digital imaging through scanning and software programs such as; Adobe, Photoshop and Illustrator. She prepares an advanced portfolio by the end of the semester. Supplies cost approximately \$200, not including the cost of a camera.  
**Additional Fee Required.**

### **ADVANCED ART STUDIES (P) - 3980**

**Prerequisite:** Permission of  
**Fine Arts Department chairperson.**  
**Grades:** 11-12

Advanced semester art courses may be arranged by special written petition. These are independent study courses designed by teacher and student and are offered in both visual and performing arts. Recent offerings include Art History, Costume & Set Design, Musical Theatre Choreography, Play/Screen Writing, and Producing Theatre. Refer to Arts Department Chairperson for specific details.

## **THEOLOGY DEPARTMENT**

### **THEOLOGY 7/8**

This two-year course introduces junior high students to Catholic beliefs outlined by the Subcommittee on the Catechism.

### **INTRODUCTION TO CATHOLIC BELIEFS A 7050**

**Grade:** 7/8

In the first cycle the students will explore the themes of God, Revelation, and Faith; the Holy Spirit and the Church; and Christian Morality and Justice. Prayer is introduced as an important component of a person's spiritual development and is explained and experienced as personal, communal, and liturgical.

### **INTRODUCTION TO CATHOLIC BELIEFS B 7150**

**Grade:** 7/8

In the second year cycle the students will review the theme of God and Faith. They will then explore the themes of Jesus the Christ; liturgy and sacraments; and prayer. Students will be encouraged to understand and experience prayer as an important component of their spiritual development.

## **TECHNOLOGY-COMPUTER DEPARTMENT**

### **WEB PAGE PROGRAMMING - 5457**

**Prerequisite: None**  
**Grades 9-12**

This semester course introduces students to planning, organizing, programming, and mounting a web-site from start to finish. By the end of the course, students will have created a well-designed website. This course is recommended for those who want to create and keep current personal or family websites while they learn how to use easily available tools for creating and modifying content and presentation. Students will be expected to design a variety of pages, using Dreamweaver CSS techniques, and successfully post them to the Web.

**Fee Required.**

### **WEB GRAPHICS - 5493**

**Prerequisite: None**

This semester class covers the essentials of making professional-looking web graphics using Photoshop, Illustrator and Fireworks. Students will learn how image size, image category, and color system affect optimization. Additionally, they will learn the basis of Web applications of dithering, alpha channels, and color palettes, how transparencies and matting are created, how image slices are developed, how to create a logo and navigation bar for a fashion designer, how GIF animation works, and how to create a rollover in both Photoshop and Fireworks.

**Fee Required.**

### **COMPUTER ANIMATION - 5485**

**Prerequisite: None**  
**Grades: 9-12**

This course is for students who want to make their art move. Students learn how to create stunning animations using just basic tweening and frame-by-frame techniques. They learn how to draw simple but compelling characters, prepare them for animation, add expression and motion, and bring their characters to life with a soundtrack. While the focus of this class is on character animation, techniques learned in this class can be applied to any Web design project.

### **COMPUTER ASSISTANT - 5456**

**Prerequisite: Approval  
of department chair  
and teacher**  
**Grades: 10-12**

Student assistants will be expected to assist the teacher during the course period as well as to assist in maintaining equipment, evaluating projects, and keeping records.

## **ENGLISH DEPARTMENT**

### **SEVENTH GRADE ENGLISH - 2000**

**Grade: 7**

This course emphasizes recognition, spelling, and correct usage of words. It also concentrates on basic skills and techniques of grammar and sentence construction. Skills of paragraph construction and communication are developed.

### **LITERATURE A - 2005**

**Grades: 7/8**

This course focuses on reading development, and introduces the short story, the novel, drama, and poetry for analysis and enjoyment. Speaking and writing skills are also stressed. Attention and guidance are given in the choice of quality material for independent reading.

### **LITERATURE B - 2150**

**Grades: 7/8**

This course introduces the student to the study of literary forms such as the short story, poetry, the novel, and drama. The basic structure and purpose of literature are emphasized. Vocabulary and figurative language in their relationship to literature are taught. Specific reading skills are reviewed as needed. (10 units)

### **NINTH GRADE ENGLISH (P) - 2200**

**Prerequisite: None**  
**Grade: 9**

This course combines the study of the various forms of literature and the essentials of grammar with composition practice and vocabulary development. The student will read and analyze poetry, drama, fiction, and non-fiction.

## ENGLISH DEPARTMENT

### NINTH GRADE ENGLISH: HONORS (P) - 2250

**Prerequisite:** See course description  
**Grade:** 9

This enrichment course is a concentrated study of literature and composition, combining the essentials of both 9th and 10th grade English and introducing examples of American literature. This course presupposes a knowledge of basic grammar, although there will be a review of grammar included in the course. The course also presupposes a facility in both reading and writing, the maturity for some independent, self-directed study and the enthusiasm for challenge. The student is selected by the English department on the basis of test scores, previous achievement in English, and the placement essay written on the day of the entrance exam.

### TENTH GRADE ENGLISH (P) - 2300

**Prerequisite:** None  
**Grade:** 10

This course is a study of British literature from the Middle Ages to the present. The student will develop her critical reading, thinking, and writing skills through the analysis of literature and the practice of composition in various modes. Grammar essentials and vocabulary enrichment are included.

### TENTH GRADE ENGLISH: HONORS (HP) - 2350

**Prerequisites:**  
**Student application; B in English Honors 9, A in regular English; high overall GPA; high standardized test scores in critical reading and writing; acceptable impromptu writing sample; attendance at AP/Honors orientation workshop; teacher recommendation; excellent attendance.**  
**Grade:** 10

This honors course is a concentrated study of British literature through the 18th century. The student should have a facility in grammar, reading and writing, the ability to think critically, plus the maturity for independent, self-directed study. Development of grammar and vocabulary skills is included.  
**Fee Required.**

### ELEVENTH GRADE ENGLISH - 2400

**Prerequisite:** None  
**Grade:** 11

This course is a study of American literature throughout its history and of the diverse voices which have expressed the American character. Poetry, short story, novel, and drama are included plus outside reading from a variety of classic and contemporary authors. The student will develop her skills in critical thinking, reading, and writing through language analysis, composition exercises, and formal essays on topics drawn from the literary studies.

## TECHNOLOGY-COMPUTER DEPARTMENT

### TECHNOLOGY 7/8

### INVESTIGATIONS IN SCIENCE AND TECHNOLOGY - 6025

Learning the basic concepts of the scientific method and the application of technology is the emphasis in this year-long, introductory course. Students will learn by using methods designed to encourage collaboration, critical thinking, and academic achievement. There is an emphasis on physical science, including studies in introductory chemistry, physics, and astronomy. The spring semester includes a Science Fair project and Science Olympiad tasks designed to enhance problem-solving skills.

### INVESTIGATIONS IN SCIENCE AND TECHNOLOGY - 6125

Learning the basic concepts of the scientific method and the application of technology is the emphasis in this year-long, introductory course. Students will learn by using methods designed to encourage collaboration, critical thinking, and academic achievement. There is an emphasis on life science, including a specific study of the human organism, beginning at the cellular level and covering the basic form and function of the different body systems. The spring semester includes a Science Fair project and Science Olympiad tasks designed to enhance problem-solving skills.

### COMPUTER APPLICATIONS - 5300

**Prerequisite:** None  
**Grades:** 7 - 12

This is a one-semester class introducing basic components of Microsoft Office: Word, Excel, and PowerPoint. Additional training in related knowledge areas will also be provided, such as the use of the Ramona network facilities for file sharing and printing, scanning text and pictures, typing proficiency, basic video production, etc. High school students are encouraged to take the course in the summer or to bring evidence of completion of an equivalent course (either before attendance at Ramona or during the summer).or to arrange to take the competency test in February.

**Fee Required**

### INTRODUCTION TO COMPUTER SCIENCE - 5340

**Prerequisite:** Algebra I and Geometry with "B" average or better  
**Grades:** 10-12

This semester course introduces students to skills fundamental to the study of computer science, particularly the design of computer programs to solve problems correctly, with an emphasis on algorithmic thinking. Students will learn to design code that is understandable, adaptable, and, when appropriate, reusable. Students will learn important aspects of computer programming using Alice as an introductory language.

## ***SOCIAL STUDIES DEPARTMENT***

### **AP PSYCHOLOGY (AP) - 8750**

**Prerequisites: student application; B- or higher in AP U. S. History and Honors or AP Biology; or of A- or higher in U. S. History and Biology; comparable GPA and standardized test scores; teacher recommendation; attendance at AP Orientation**  
**Grades: 11-12**

The purpose of this year-long AP course in Psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They also learn about the methods psychologists use in their science and practice.

### **MASS MEDIA/JOURNALISM - 8725**

**Prerequisites: Keyboarding/Word Processing and access to a computer**  
**Grades: 10-12**

The aim of this semester course is to introduce students to the various forms of mass media and develop an understanding of their impact on American society. Topics discussed will include media history, radio, television, film, and advertising. The journalism component of the class will provide students with the opportunity to apply what they have learned about newspapers and reporting by writing and editing stories.

**Fee Required.**

### **CURRENT EVENTS - 8775**

**Prerequisite: None**  
**Grades: 11-12**

This is a semester course focusing on news events, current topics, environmental issues, and global interdependence. Students will also study how the United States' legal system affects young adults.

**Fee Required.**

## ***ENGLISH DEPARTMENT***

### **LANGUAGE AND COMPOSITION (AP) - 2475 ADVANCED PLACEMENT IN ENGLISH**

**Prerequisites: Student application; B in Eng Honors, A in regular; high overall GPA; high standardized test scores in critical reading and writing; acceptable impromptu writing sample; attendance at AP/Honors Orientation workshop; teacher recommendation; excellent attendance**

**Grade: 11**

This year course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. More immediately, the course prepares the students to perform satisfactorily on the A.P. Examination in Language and Composition given in the spring. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Students will learn and practice the expository, analytical, and argumentative writing that forms the basis of academic and professional writing; they will learn to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. Readings will be selected primarily, but not exclusively, from American writers.

**Fee Required.**

### **TWELFTH GRADE ENGLISH (P) - 2500**

**Prerequisite: None**  
**Grade: 12**

This year course focuses on literature from Asia, Continental Europe, the Middle East, and Latin America. The class emphasizes both oral and written textual analysis and critical interpretation. Some cultural and historical background is included, but the emphasis is placed on literature as an expression of universal themes in human experience.

**Fee Required.**

### **ADVANCED PLACEMENT IN ENGLISH LITERATURE (AP) - 2550**

**Prerequisites: Student application; B in AP language or A in regular English 11; high overall GPA; high standardized test scores in critical reading and writing; acceptable impromptu writing sample; attendance at AP/Honors Orientation workshop; teacher recommendation.; excellent attendance**

**Grade: 12**

This is a year literature and composition course. It is designed to fulfill the requirements of a one-year college English course and explores the major genres in English literature, concentrating on close textual analysis and critical interpretation. Writing assignments focus on the critical analysis of literature. This course prepares the student to perform satisfactorily on the A.P. examination in the spring. The student will be required to do preliminary reading for this course during the preceding summer.

## ENGLISH DEPARTMENT

### **SPEECH AND COMMUNICATION - 2600 9 and 10**

**Prerequisite: None  
Grades: 9-10**

This is a semester course designed as a practical laboratory experience. The goal of this course is to maximize personal poise, strength, and articulation of thought in any situation. It introduces the blend of physical, vocal, and intellectual techniques required for competent communication: listening, interpersonal and social skills, and public speaking. **This class satisfies the Speech requirement.**

### **SPEECH AND COMMUNICATION - 2650 11 and 12**

**Prerequisite: Speech &  
Communication 9/10 is  
recommended  
Grades: 11-12**

This semester course will develop communication skills essential for success in both higher education and future careers. Students will study the fundamentals of oral communication, including persuasive/debating techniques, expository/impromptu skills, and interviewing practices. Students will also be required to develop written communication skills including outlines, case arguments, and position papers.

## SOCIAL STUDIES DEPARTMENT

### **AP AMERICAN GOVERNMENT - (AP) 8550**

**Prerequisites: student application;  
B- or higher in AP United States  
History and Honors English 11;  
or a grade of A- or higher in United  
States History and English 11;  
comparable GPA and standardized  
test scores; teacher recommendation;  
attendance at AP Orientation.  
Grade: 12**

This semester course is concerned with the nature of the American political system, its development over the past two hundred years and its function today. The focus of this course is primarily at the national level so that students can develop a cohesive and thorough understanding of the American Federal System. This is a college level course which requires extensive critical reading, verbal articulation in group discussion and above average writing skills. Students who do well on the Advanced Placement American Government exam may receive college credit. This course does require an application/approval process.  
**Fee Required.**

### **ECONOMICS (P) - 8600**

**ECONOMICS G (P) - 8650  
(when paired with AP Amer. Government)**

**Prerequisite: None  
Required of all 12th graders  
Grade: 12**

This semester course is designed to introduce the student to the basic terminology, theories, and practices of economics. Special emphasis will be placed on the growing importance of women in today's money economy.

### **INTRODUCTION TO PSYCHOLOGY - 8825**

**Prerequisite: None  
Grades: 11-12**

Introduction to Psychology is a year-long course that introduces students to the basic theories and fundamental principles of psychology through the use of lecture, class activities, and multi-media presentations.

## ***SOCIAL STUDIES DEPARTMENT***

### **UNITED STATES HISTORY (P) - 8400**

**Prerequisite: None**  
**Grade: 11**

This course will provide the student with an appreciation of the history of our country and assist her in seeing continuity in the midst of change while developing a better understanding of the growth that is central to all nations. An attempt is made to present the past in its full integrity and to see the similarities between the past and the present.

### **AP UNITED STATES HISTORY (AP) - 8450**

**Prerequisites: Student application;**  
**Grades: B- or higher in AP European History and Honors 10 Eng; or A- or higher in Modern World History and Eng 10; comparable GPA and standardized test scores; attendance at AP Orientation; teacher recommendation**  
**Grade: 11**

The Advanced Placement course is an honors program which presents an in-depth survey of American history from its European background to the present. This is a college level class which requires extensive critical reading. The student should be capable of writing well-organized papers and essays and of doing self-directed study. The student who does well on the Advanced Placement History Exam may receive college credit. The student will be required to do some preliminary reading for this course during the preceding summer.  
**Fee Required.**

### **AMERICAN GOVERNMENT (P) - 8500**

**Prerequisite: None**  
**Required of all 12th graders**

This semester course familiarizes the student with her political and legal responsibilities. The student will study national, state, and local forms of government in America with emphasis on how to effect constructive change.

**Fee Required.**

## ***MATHEMATICS DEPARTMENT***

### **PRE-ALGEBRA A - 5015**

**Grade: 7**

This course covers addition, subtraction, multiplication, and division of positive rational numbers as fractions, decimals, and percents. It also includes some basic geometry with constructions, equations, measurement using the metric system, and logic and critical thinking skills.

### **PRE-ALGEBRA B - 5020**

**Grades: 8-9**

This course covers addition, subtraction, multiplication, and division of all integers, fractions, decimals, and percents. It also includes basic coordinate geometry and solid geometry, measurement using the metric system, and basic equations and inequalities.

### **ALGEBRA I (P) - 5030**

**Prerequisite: None**  
**Grades: 9-10**

This course is intended for the majority of freshman students. It covers solving first-degree equations and inequalities in one variable, solving systems of two equations in two variables, solving quadratic equations by the factoring method, working with polynomial, radical, and rational expressions, graphing in the plane, specific, archetypal, or template-type word problems, and elementary logic.

### **ALGEBRA I: HONORS (P) - 5040**

**(Summer only)**

**Prerequisite: department selection**  
**Incoming 9th Grade**

**Required: Use of a TI-83 or TI-84 graphing calculator**  
**Fee Required.**

This 5-unit summer course is intended for the student who has completed an Algebra I course in 8th grade but has not been placed into Geometry Honors or has little or no experience with a TI-83 or TI-84 graphing calculator. Eligibility for this course will be determined by entrance exam scores, recommendation of a previous math teacher, previous grades in mathematics, and, if applicable, the score on the algebra challenge exam. Students who receive at least a "B" in this class will receive 5 high school credits in Honors Algebra and, if not already so registered, may take Geometry Honors in the ninth grade. Students who receive a "C" in this class may, if not already so registered, take regular Geometry in the ninth grade. Students who receive a "C-" or below must take Algebra I in the ninth grade. The summer school office will have a list of incoming 9<sup>th</sup> grade students who are eligible to register for this summer school class.

## MATHEMATICS DEPARTMENT

### GEOMETRY (P) - 5050

**Prerequisite:**  
**C in Algebra I taken in high school. Incoming 9th graders are placed in Geometry by an independent process.**  
**Grades: 9-11**

This course covers basic geometric concepts and relationships. An emphasis is placed on the use of deductive reasoning and the development of proofs, especially as they relate to the study of congruent polygons, parallel lines and circles. Other topics covered are ratio, proportion, similarity, inequalities and right triangles.

### GEOMETRY: HONORS (HP) - 5060

**Prerequisite for Incoming 9th**  
**Incoming 9th graders are placed in Geometry Honors by an independent process.**  
**Prerequisites for incoming 10th:**  
**A or A+ grades in Algebra I; high overall GPA; high standardized scores in Mathematics; attendance at AP/Honors Orientation Workshop; outstanding teacher recommendation; ability to fit class in schedule**

**Grades: 9-10**

This course covers the same concepts and topics as Geometry, but also includes a study of transformations and involves a more intense integration of the study of algebra and geometry.

### ALGEBRA II (P) - 5070

**Prerequisite: C in**  
**Geometry**  
**Grades: 10-12**

This course focuses on two strands of mathematics: families of functions and solving equations involving those functions. Topics covered include systems of linear equations, quadratic functions, polynomial functions, rational, and power functions, the complex number system, exponential and logarithmic functions and applications, and an introduction to trigonometric functions with applications.

## SOCIAL STUDIES DEPARTMENT 7/8 GRADE

### JH US HISTORY A - 8155

**Grades: 7/8**

This social studies course will focus on the United States in the 19<sup>th</sup> century, its transformation from 13 weak, independent states supported by agriculture and trade, to an industrial giant guided by a strong, national government. This course will examine the conflicts created by this transformation and the great crisis of the 19<sup>th</sup> century, the American Civil War.

### JH US HISTORY B - 8050

**Grades: 7/8**

This course will focus on the creation of the United States and on the people who came to the North American continent. Students will study and understand how the various people's beliefs, values, occupations, and geographic locations led to the American Revolution and creation of the United States Constitution.

### GLOBAL STUDIES (P) - 8250

**Prerequisite: None**  
**Required of All 9th Graders**  
**Grade: 9**

Students will explore the historical and cultural development of Africa, China, the Middle East, India, and early western Europe. This study will develop students' knowledge and understanding of universal and cultural values and practices, global interconnections, present concerns and conditions, origins and past patterns, and alternatives and future directions.

### MODERN WORLD HISTORY (P) - 8378

**Prerequisite: None**  
**Grade: 10**

Students will examine the history of human interaction on our planet from the 18th century to the present time. Their study will examine the rise of nation-states, revolutions, world wars, and the growing interdependence among nations. Current crisis areas and issues will be analyzed and students will be engaged in forming their own global outlook and opinions. **Fee Required.**

### AP EUROPEAN HISTORY (AP) - 8390

**Prerequisites: student application;**  
**A- in Global Studies & Eng 9**  
**or at least B- in Hon Eng 9;**  
**comparable GPA & standardized**  
**test scores; teacher recommendation;**  
**attendance at AP Orientation**  
**Grade: 10**

This advanced placement course covers European History from the era of the Renaissance to modern times, focusing not only on traditional political events but also social, literary, musical, and artistic achievements. Through lecture, discussion, reading, group projects, and primary source research, students develop a mature understanding of European History and prepare for the required college level Advanced Placement examination. It is recommended that students attend the Pre-AP European History summer course at Ramona.

**SCIENCE DEPARTMENT**  
**PHYSICS HONORS (HP) - 6550**

**Prerequisites: B- in Algebra II/Trig Honors, B+ in regular Algebra II/Trig, or B in Pre-Calculus Honors; A in Chemistry or B+ in Hon. Chemistry; department selection**  
**Grade: 12**

This course involves both lecture and lab, and includes such topics as kinematics, vectors, dynamics, Newton's laws of force and motion, electricity, magnetism, quantum theory, and the atom. A definite emphasis is placed on the theoretical as well as mathematical aspects of physics. This course is strongly recommended for students planning a major or minor in the physical or biological sciences or engineering in college. This course satisfies the lab science requirement for entrance into the U.C. system.

**Fee Required**

**SCIENCE AND TECHNOLOGY - 6700**

**Prerequisites: passing grades in Bio & Chem**  
**Grades: 11-12**

This year course has a 7-module, inquiry-centered, integrated science curriculum. Each module will provide opportunities for students to experience scientific phenomena firsthand. This comprehensive, research-based course will build on the skills and knowledge developed in the curriculum, with content balanced among biology, chemistry, earth science, physical science, environmental science, astronomy, and technology.

**Fee Required.**

**CONCEPTS, APPLICATIONS, AND**  
**RESEARCH IN SCIENCE (P) -**

**Prerequisites: B- in Chemistry;**  
**department selection**  
**Grades: 11-12**

This year-long course is intended for the students interested in research in the sciences. Possible research areas may include, but are not limited to, molecular biology, microbiology, protein chemistry, environmental biology, bioremediation of contaminated soil or water, physiology, ecology, biomaterials, psychology, and neural networks. Great emphasis is placed on research methods and scientific writing. Students will engage in individual, long-term research projects. Students will also learn about library methods, basic experimentation techniques, statistics, and patent law. Students will write a proposal in which they define milestones, write progress reports, write a research paper, prepare a technical presentation using audio-visual aids, and give an oral presentation on their findings.

**Fee Required.**

**LABORATORY ASSISTANT - 6600**

**Prerequisites: demonstrated skill in laboratory work; signature of teacher or Dept. Chairperson**  
**Grades: 11-12**

Pass/fail credit will be given for this course. Student will assist instructor in preparations for laboratory and lecture phases of a particular science course.

**MATHEMATICS DEPARTMENT**

**ALGEBRA II/TRIG HONORS: (HP) - 5080 Prerequisites: B in Geometry Honors; A in regular Geometry; high overall GPA; high standardized scores in mathematics; attendance at AP/Honors Workshop; good teacher recommendation.**  
**Grades: 10 - 12**

This course focuses on two strands of mathematics: families of functions and solving equations involving those functions. Topics covered include all of those covered in Algebra II with Trigonometry as well as matrices and determinants, trigonometric and circular functions, properties and applications, higher degree polynomial functions, rational functions with asymptotes, inverses, conic sections, and polar coordinates.

**MATH TOPICS FOR SENIORS - 5162**

**Prerequisite: None**  
**Grades: 12**

This semester course is designed for seniors who need to improve their basic mathematics skills and who are not eligible for Pre-Calculus or AP Calculus. The course will focus on preparation for the SAT II Mathematics Level I examination, with emphasis on algebra and geometry review, problem-solving, and logical thinking. In addition, topics such as consumer mathematics and financial management will be covered.

**Fee required**

**PRE-CALCULUS (P) - 5100**

**Prerequisites: B in Algebra II/Trig.**  
**Department selection**  
**Grades: 11-12**

This course is designed to introduce students to the topics necessary for success in Calculus. A rigorous study of trigonometry is included, as well as the study of matrices, series, polar coordinates, complex numbers, exponential and logarithmic functions, the straight line and conic sections, and probability and statistics.

**PRE-CALCULUS: HONORS (HP) - 5150**

**Prerequisites: B in Algebra II/Trig Honors; A in regular Algebra II/Trig;**  
**High overall GPA; high standardized scores in Mathematics; attendance at AP/**  
**Honors Orientation Workshop; good teacher recommendation.**

**Grades: 11-12**

This course is designed to introduce students to the topics necessary for success in Advanced Placement Calculus AB. All of the topics of Pre-Calculus are covered as well as analytic geometry, polynomials, transcendental functions, limits, and basic differentiation. Students will be expected to work independently and will be encouraged to form study groups for work outside of class.

## **MATHEMATICS DEPARTMENT**

### **ADVANCED PLACEMENT CALCULUS (AP) - 5500**

**Prerequisite:** B+ in Honors Pre-Calculus or A in regular Pre-Calculus both semesters; high overall GPA; high standardized high overall scores in Mathematics; attendance at AP/Honors Orientation Workshop; good teacher recommendation.  
**Grades:** 11-12

The AP Calculus course at Ramona has been designed with a two-fold purpose: 1) To teach the students all the topics taught in college in the first semester-and-a-half of calculus, and 2) To prepare the students to take the Calculus AB Advanced Placement examination for possible full college credit from the university of each student's choice. All topics covered will be addressed numerically, geometrically, and analytically. Students who enroll in the class will take the exam. Students will be expected to work independently and will be encouraged to form study groups for work outside of class.

### **MATH ASSISTANT - 5600**

**Prerequisites:** Student must have taken the course she will assist in and must have approval of the Department Chair and the teacher she will assist.  
**Grades:** 10 - 12

Pass/Fail credit will be given to students who wish to assist the regular classroom teacher with such tasks as tutoring, paper correction, and record keeping.

## **SCIENCE DEPARTMENT**

### **AP CHEMISTRY (AP) - 6490**

**Prerequisites:** A in Chemistry or A- in Chemistry Honors with B+ in Algebra II/ Trig ; department selection; aptitude test required.  
**Grades:** 11-12

AP Chemistry and AP Biology will be offered in alternate years: AP Chemistry will be offered for the school years 2010-2011; 2012-2013; 2014-2015, etc.

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, as freshmen, second-year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. For others, the AP Chemistry course fulfills the laboratory science requirement and frees time for other courses. Topics such as the structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics will be presented in considerable depth. Saturday or after-school sessions will be scheduled as needed.  
**Substantial Fee Required.**

### **PHYSICS (P) - 6500**

**Prerequisites:** student application; B in Chemistry or C+ in Hon. Chemistry  
B+ in Algebra II/Trig or Pre-Calculus;  
department selection  
**Grade:** 12

This is an introductory Physics course for the student who does not plan to major in science in college. The purpose of this course is to provide an awareness of and appreciation for the physical environment. Topics covered include mechanics, heat, sound, light, electricity and magnetism. Students will concentrate on using their ability to read, think and formulate questions. This course satisfies the lab science requirement for entrance into the U.C. system. **Fee Required.**

### **ROBOTICS - 6610**

**Prerequisite:** None  
**Grades:** 9-12

This after-school course meets twice a week and all day Saturdays and Sundays for seven weeks in January and February. This is a pass/fail course based on attendance and participation and does not fulfill the science requirement.

## SCIENCE DEPARTMENT

### AP BIOLOGY (AP) - 6375

**Prerequisites: student application; at least A- in Biology Honors, B+ in Chemistry Honors; A in chemistry; department selection.**  
**Grades: 11-12**

**AP Biology and AP Chemistry will be offered in alternate years: AP Biology will be offered for the school years 2011-2012; 2013-2014; 2015-2016, etc.**

The AP Biology course is equivalent to the first-year college course for the science major. The chemical basis of biological structure and function is a major theme throughout the year. The course provides the students with methods and principles for understanding the fascinating and marvelous biological world. The subject matter covered is intensive and demanding. Topics such as organization of life on earth, chemical organization of life, cell parts and their functions, cells and their life processes, syntheses, from cell to organism, functioning organisms, populations, communities, and ecosystems will be presented in considerable depth. Saturday or after-school sessions will be scheduled as needed.

**Substantial Fee Required.**

### CHEMISTRY (P) - 6400

**Prerequisite: passing grade in Biology. Required of all 11th Graders**  
**Grade: 11**

This course deals with the structure and composition of matter and the changes which matter can undergo. It is a lab-oriented course in chemistry which introduces the basic concepts and skills of chemistry. This course stresses an understanding of the unifying concepts which relate the various areas of inorganic, nuclear, physical and environmental chemistry. This course satisfies the lab science requirement for entrance into the U.C. system.

**Fee Required.**

### CHEMISTRY HONORS (HP) - 6450

**Prerequisites: student application; B+ in Geometry Honors or Algebra II Trig and B+ in Biology; department selection and aptitude test required**  
**Grades: 10-11**

This course deals with the structure and composition of matter and the changes which matter can undergo. The course is organized around a framework of basic laws and principles which are seen as the outcome of scientific experiment and observation. It emphasizes the mathematical and problem solving aspects of chemistry and is recommended for students who plan to pursue careers in the sciences or engineering. This course satisfies the lab science requirement for entrance into the U.C. system.

**Fee Required**

## PHYSICAL EDUCATION DEPARTMENT

### SPORTS 7/8 - 9125

**Prerequisite: None**  
**Grades: 7-8**

1 (one) unit of credit will be given to 7th or 8th grade students who successfully complete a season of after-school sports.

### SPORTS 9-12 - 9325

**Prerequisite: None**  
**Grades: 9-12**

5 units of credit will be given to students who successfully complete a full season of a varsity sport.

### INTRODUCTION TO SPORTS & FITNESS - 9275

**Prerequisite: None**  
**Grades: 9-12**

This year course comprises 2 semester 4-unit courses focusing on life sports and team sports. Specific sports' skills, training, rules, nutritional needs, treatment of injuries, and emergency treatment/prevention are covered for four sports per semester. Both semesters are required for graduation.

### HEALTH - 9280

**Prerequisite: None**  
**Grades: 9-12**

This year course comprises 2 semester (1-unit) courses taken in conjunction with Introduction to Sports and Fitness, focusing on individual health and fitness needs. Special emphasis is placed on personal health and the importance of fitness today and for life. Areas covered are current health issues, nutrition, sex education, AIDS education, and substance abuse. Both semesters are required for graduation.

### PHYSICAL EDUCATION ASSISTANT - 9300

**Prerequisites: Two semesters of P.E. ; Written permission from Department Chairperson**  
**Grades: 11-12**

This is a pass/fail semester course in which the student will explore and research the Physical Education field. The student will assist in equipment preparation, record keeping, and demonstration and instruction of students in class.

## SCIENCE DEPARTMENT

### SCIENCE 7/8

#### INVESTIGATIONS IN SCIENCE AND TECHNOLOGY A - 6025

Learning the basic concepts of the scientific method and the application of technology is the emphasis in this year-long, introductory course. Students will learn by using methods designed to encourage collaboration, critical thinking, and academic achievement. There is an emphasis on physical science, including studies in introductory chemistry, physics, and astronomy. The spring semester includes a Science Fair project and Science Olympiad tasks designed to enhance problem-solving skills.

#### INVESTIGATIONS IN SCIENCE AND TECHNOLOGY B - 6125

Learning the basic concepts of the scientific method and the application of technology is the emphasis in this year-long, introductory course. Students will learn by using methods designed to encourage collaboration, critical thinking, and academic achievement. There is an emphasis on life science, including a specific study of the human organism, beginning at the cellular level and covering the basic form and function of the different body systems. The spring semester includes a Science Fair project and Science Olympiad tasks designed to enhance problem-solving skills.

#### ENVIRONMENTAL SCIENCE - 6200 Hands-on Explorations

**Prerequisite: None**  
**Grade: 9**  
**Semester Class.**

Do you want to be part of the solution and not part of the problem? Are you concerned about the effects of pollution and the overuse of fossil fuels on our environment? Your generation bears an awesome responsibility for the future of the earth and its resources; this class gives you the opportunity to do real scientific work that will help take better care of our environment. You will be able to design and build experimental devices such as solar ovens and greenhouses and investigate ways to conserve our limited resources. This is an introductory science course that emphasizes hands-on design and real research. You will learn how to use computers and the Internet as well as drills and saws; you will collaborate with scientists in doing and presenting research on solar energy as an alternative to fossil fuels and on the effects of air pollution on plants. Your curiosity, creativity, and imagination will be used as you collaborate and work with your scientific team in learning. While you are actively finding solutions to these problems, you will learn good laboratory and research skills that will be invaluable to you in future science classes.

**Fee Required.**

## SCIENCE DEPARTMENT

### INTRODUCTION TO PHYSICAL SCIENCE - 6210 Facts, Fiction, Physics, and Fun

**Prerequisite: None**  
**Grade: 9**  
**Semester Class**

Have you watched *X-Files* and have difficulty telling fact from fiction? Have you ever looked up at the night sky and wondered about the very bright star on the horizon? Do you wish you could use the Internet to get information about your interests? Do you want to go into science, engineering, or medicine and think you could use a head start in measuring, graphing, and collecting data? Would you like to learn to use PowerPoint to make multimedia presentations for your classes? Do you like to create, experiment, design, and try out different ways of doing things? This class is designed to teach you some basic concepts of physics, chemistry, astronomy, and electricity in a fun and active way. If you want a class that is hands-on, exciting, and full of adventure, sign up for this semester course.

**Fee Required.**

### BIOLOGY (P) - 6300

**Prerequisite: None**  
**Required of all 10th Graders**  
**Grade: 10**

This is a laboratory course in biology stressing the role of inquiry and investigative techniques in solving problems. Topics considered are the functions of cells, some chemistry and physiology of plants, animals and humans and their interrelationships. This course satisfies the lab science requirement for entrance into the U.C. system.

**Fee Required.**

### BIOLOGY HONORS (HP) - 6350

**Prerequisites: student application; B+ in Algebra I or Geometry Honors; department selection.**  
**Grades: 9-10**

This course stresses the chemical and physical properties of the cell, its functions and relations to the environment. The principles and chemical basis of heredity with genetic analysis, gene expression and regulation, and recombinant DNA techniques will be studied. Other topics include multicellular plants and human anatomy with emphasis on skeletal and muscular systems, digestive, circulatory, respiratory, and reproductive systems. This course satisfies the lab science requirement for entrance into the U.C. system.

**Fee Required.**