



**2009-2010**  
**TORRANCE HIGH SCHOOL**  
**COURSE DESCRIPTION BOOK**

# SCHOOL-WIDE ACADEMIC GOALS

## Torrance High Students Are:

### Thinkers

- ❖ Solve problems efficiently
- ❖ Demonstrate reflective, critical, creative, logical & analytical thinking

### Academically Motivated

- ❖ Master basic skills
- ❖ Meet state, district and/or course outline standards
- ❖ Set academic goals
- ❖ Prepare for a post-high school career

### Responsible

- ❖ Set personal goals
- ❖ Display moral, ethical & civil behavior
- ❖ Employ time management skills
- ❖ Contribute to their community

### Technologically Motivated

- ❖ Demonstrate technological proficiency
- ❖ Use available resources to further learning

### Articulate Communicators

- ❖ Read, write, listen and speak proficiently
- ❖ Appreciate artistic communications
- ❖ Work collaboratively

### Respectful

- ❖ Of themselves, of their peers, & their community
- ❖ Of the faculty & school guidelines

### Skilled

- ❖ In core curricula areas
- ❖ In life skills

## **A Message to Students and Parents**

This Course Description Book has been prepared by the Torrance High counseling and teaching staff and is issued to you in the hope that you will use it as a permanent reference throughout your high school years. It contains course descriptions, a Four-Year Educational Plan, as well as graduation, and CSU and UC entrance requirements, and a brief explanation of guidance terminology, policies, and practices.

This book can best be used in consultation with the counseling personnel at Torrance High, who can provide in-depth information about the topics contained herein. In addition, counselors can assist you in developing a Four-year Educational Plan that provides the very best high school program possible. Please contact the counseling office whenever you have questions.

Course offerings and college admission requirements are subject to change, and this book will be updated annually to reflect any changes that do occur.

Please place this guide inside of your notebook or in some other safe place so that you can use it as a meaningful reference throughout your four years at Torrance High.

## **FREQUENTLY CALLED NAMES, OFFICES AND PHONE NUMBERS**

<b>Torrance High School phone number</b>		<b>(310) 533-4396</b>
Principal	<b>John O'Brien</b>	<b>ext. 7980</b>
Assistant Principal - Curriculum	<b>Cheryl Daugherty</b>	<b>ext. 7992</b>
Assistant Principal – Student Services	<b>Bill Tokubo</b>	<b>ext. 7991</b>
Site Supervisor	<b>Mitch Tabaldo</b>	<b>ext. 7990</b>
<b>Counselors:</b>		
<b>Students with last name beginning with:</b>		
A - De	<b>Christine Fanous</b>	<b>ext. 7966</b>
Df - Ji	<b>Mary Dillon</b>	<b>ext. 7964</b>
Jj - M	<b>Christine Lee</b>	<b>ext. 7963</b>
N - Sb	<b>Sara Golia</b>	<b>ext. 7961</b>
Sc - Z	<b>Rob Young</b>	<b>ext. 7965</b>
Activities Advisor	<b>Eric Spotts</b>	<b>ext. 8030</b>
Athletic Director	<b>Gina Leccese</b>	<b>ext. 7986</b>
Dean of Students	<b>Valerie Inverso</b>	<b>ext. 7960</b>
GATE Coordinator	<b>Robert Patterson</b>	<b>ext. 7921</b>
ELD Coordinator	<b>Tracy Clark</b>	<b>ext. 7914</b>
Librarian	<b>Lois Graham</b>	<b>ext. 7940</b>
School Psychologist	<b>Amy Schumaker</b>	<b>ext. 7976</b>
Attendance Office	<b>Sarah Anderson</b>	<b>ext. 7970</b>
	<b>Hisayo Ogata</b>	
Health Office	<b>Eilene Lipp, Nurse</b>	<b>ext. 7983</b>

## Board of Education Requirements For High School Graduation

A student who fulfills the following requirements shall be eligible for high school graduation:

1. Students shall have a minimum of **220 credits**, which shall include:
  - a. **Mathematics: 20 credits** - Students must pass Algebra1 or its equivalent
  - b. **Science: 20 credits**
    - 1) 10 credits of Biological (Life) Science
    - 2) 10 credits of Physical Science
  - c. **English: 40 credits** – All students are required to be enrolled in English 1 (9<sup>th</sup> grade), English 2 (10<sup>th</sup> grade), English 3 (11<sup>th</sup> grade), English 4 (12<sup>th</sup> grade)
  - d. **Social Science: 30 credits**
    - 1) 10 credits of World History (10th grade)
    - 2) 10 credits of U.S. History (11th grade)
    - 3) 10 credits of U.S. Government/Economics (12th grade)
  - e. **Physical Education: 20 credits**  
9<sup>th</sup> & 10<sup>th</sup> Grade students must be enrolled in PE, athletics, pep squad, or marching band.
  - f. **Fine Arts or Foreign Language: 10 credits**  
A student shall complete 10 credits (one full year) in a single foreign language or 10 credits in fine arts (art, music, or drama).
  - g. **Health - 5 credits**
  - h. **Credit Limitations:** Credits acceptable for graduation is limited for the following courses:  
Aides—10 credits only; Work Experience—20 credits.
  - i. **Elective credits:** 75 credits.
2. A satisfactory citizenship record as evidenced by **six or more semesters of composite satisfactory or excellent citizenship** grades. Students who fail to meet this requirement are provided the following alternatives to meet graduation requirements for citizenship:
  - a. complete the School Citizenship/Personal Awareness course (if offered)
  - b. complete 60 hours of community service for each composite U.
3. **California High School Exit Examination (CAHSEE):**  
The California High School Exit Examination (CAHSEE) in English Language Arts and Mathematics is a requirement for receiving a diploma from a California public school. The CAHSEE is only one of the requirements for graduation; all requirements must be met in order for students to receive their diploma. All 10<sup>th</sup> grade students are given the CAHSEE test. Additional opportunities to pass this test are given each year. Students need to pass this test only once.

## School Terminology, Policies, And Practices

A one period course for one quarter = 2.5 credits  
A one period course for one semester = 5 credits  
A one period course for two semesters = 10 credits  
A two period course for one semester = 10 credits  
A customary school load for a year is 60 credits

**Audit:** no credit or grade is given for the class but the student must attend and do the work or risk a failing grade in the class. This option is available only with teacher approval and by completing a petition filed no later than one week after quarter report cards are distributed.

**Credit interval:** a student may not enter a new semester class for credit after the fourth week of the semester. A student must enter a quarter class within 2 weeks of the new quarter to earn credit.

**Repeated courses:** a student who repeats a class should know the following:

- a. All grades appear on the transcript.
- b. TUSD uses the highest grade to meet graduation requirements.
- c. No credit is given for the first time the class was taken and an **R** appears on the transcript to indicate that this class was repeated for credit at a later date.
- d. The cumulative GPA does not include courses with an R designation.

Colleges and universities treat repeated course grades differently. Students should check specific college catalogs carefully concerning practices related to courses that are repeated in high school.

Classes taken outside of TUSD (sometimes called “**outside credit**”) **require prior written approval to receive THS credit.** Students should see their counselor for details. Classes are subject to limitations; outside credit may only be counted as elective credit, and may not be used to fulfill specific graduation requirements. Outside Credit is usually issued using the formula of 18 hours of instruction equals 1 credit.

Students shall **enroll in at least six courses during each semester** in attendance. Exception: seniors may enroll in a minimum of five courses per semester during their final year.

**Seniors:** only those who have met all graduation requirements may participate in graduation ceremonies. Seniors only have until December 1 of their graduating year to complete graduation requirements and receive a THS diploma for their class year. After that, they will be referred to work towards an Adult School diploma at Torrance Adult School.

KEY: **Course titles** labeled with (+) indicates University of California (UC)/California State University (CSU) approved class **and/or labeled with (★) denotes extra honors credit: a=5, b=4, c=3.**

## University Entrance Requirements

Students are urged to seek the advice of their counselor in planning their high school programs to make certain that they satisfy the admission requirements of the college of their choice.

### California State University (CSU) System

#### Examination requirements:

Scholastic Aptitude Test (SAT Reasoning) or American College Test (ACT)

### University Of California (UC) System

#### Examination requirements:

- Scholastic Aptitude Test (SAT Reasoning) or American College Test (ACT) with Writing
- SAT Subject Test: 2 tests are required in 2 different areas: English Literature, Mathematics 2, Foreign Languages, Science, and Social Studies.
- TOEFL for all non-residents and LEP students only

**UC/CSU Subject requirements:** A minimum of 15 academic or college preparatory classes, and of these 15 academic credits, at least 7 must be taken during the last two years of high school. Academic or college preparatory units consist of courses in English, mathematics, laboratory sciences, foreign languages, social studies, and the advanced fine arts courses. Torrance High School's most current University of California "a-g" List may be downloaded at <https://doorways.ucop.edu/list/> Below are the courses at THS that meet the UC requirements:

**a - HISTORY/SOCIAL SCIENCE:** 2 years required. 2 years of History/Social Science, including 1 year World History, one year U.S. History, 1 semester American Government.

**b - ENGLISH:** 4 years required. 4 years of college preparatory English.

**c - MATHEMATICS:** 3 years required, 4 years recommended that includes the topics covered in Elementary Algebra/Algebra 1, Geometry and Advanced Algebra/Algebra 2.

**d - LABORATORY SCIENCE:** 2 years required, 3 year recommended. 2 years of laboratory science, including two of the three fundamental disciplines of Biology, Chemistry and Physics, but not including Physical Science of the Earth.

**e - FOREIGN LANGUAGE REQUIREMENT:** 2 years required, 3 years recommended. 2 years of the same language other than English.

**f - VISUAL AND PERFORMING ARTS REQUIREMENT:** 1 year required.

**g - ELECTIVE COURSES:** 1 year required. Any course listed on the approved UC A-G course list beyond the minimum requirements listed above. For example: AP Macroeconomics, Computer Science A (AP), Computer Science AB (AP), Creative Writing, Economics A, Economics A S, Forensics, Psychology A/B, Psychology A/B (AP), Reader's Workshop, Speech 1, Writer's Workshop, Physical Science of the Earth. For complete list see: <https://doorways.ucop.edu/list/>

# TORRANCE HIGH SCHOOL FOUR-YEAR EDUCATIONAL PLAN

Read the course descriptions carefully and plan to take classes that will meet minimum Torrance Unified School District graduation requirements and lead to your goals beyond high school.

Student Name \_\_\_\_\_ Date \_\_\_\_\_

At this time, **after high school**, I plan to \_\_\_\_\_

## GRADE 9

### FIRST SEMESTER

English 1/1H  
Math  
Science  
P.E. 9/Athletics/Pep/Band  
Health

Elective: \_\_\_\_\_

### SECOND SEMESTER

English 1/1H  
Math  
Science  
P.E. 9/Athletics/Pep/Band  
Career Development & Research  
Orientation/Elective

\_\_\_\_\_

## GRADE 10

English 2/2H  
Math  
Science  
P.E. 10-12/Athletics/Pep/Band  
World History A/AP  
Elective: \_\_\_\_\_

English 2/2H  
Math  
Science  
P.E. 10-12/Athletics/Pep/Band  
World History B/AP

\_\_\_\_\_

## GRADE 11

English 3/3H  
U.S. History A/AP  
Elective: \_\_\_\_\_  
Elective: \_\_\_\_\_  
Elective: \_\_\_\_\_  
Elective: \_\_\_\_\_

English 3/3H  
U.S. History B/AP  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## GRADE 12

English 4/English Literature AP  
U.S. Government or Economics/AP  
Elective: \_\_\_\_\_  
Elective: \_\_\_\_\_  
Elective: \_\_\_\_\_  
Elective: \_\_\_\_\_

English 4/English Literature AP  
U.S. Government or Economics/AP  
\_\_\_\_\_  
\_\_\_\_\_

### ALTERNATE ELECTIVE CHOICES:

First Semester \_\_\_\_\_ Second Semester \_\_\_\_\_ Year \_\_\_\_\_

**Add "Honors" or "AP" to titles when applicable**



(0278) DESKTOP PUBLISHING/GRAPHICS Grades 9-12 Year  
Prerequisite: Career Development and Research Orientation. Students will explore and develop skills in Publishing and Graphic Design. Students will learn how to use: Type; Photography; Scanners; Art work; Computers; Printers; apply Color Separations; and improve writing, by designing practical Layouts and using other Pre-press techniques. This Career field is currently the 6th largest employer in the United States, with a growing demand for qualified employees. Software includes Microsoft Publisher, Adobe Illustrator, Adobe In Design, and Adobe Photoshop. The skills acquired in this class can lead to direct employment in this high demand area.

(0248) FAMILY PSYCHOLOGY A Grades 11 - 12 Semester  
This is a course in psychology that helps students understand themselves and others better. It is designed to help students learn the practical skills necessary for a productive life including: developing communication skills; setting goals; improving personality; coping with stress; and getting along with others. Units are included on dating, love, marriage, and parenting. Family Psychology A includes the study of family concerns and current social problems including divorce, suicide, mental health and illness, alcoholism, drugs, AIDS, teenage pregnancy, child abuse, and family relationships. Family Psychology A is designed to help students become informed young adults through learning the challenges and rewards of different lifestyles so that they can make choices that are right for them. This course is offered second semester only.

(0243) FASHION CONSTRUCTION 1 Grades 9-12 Year  
This beginning course provides an opportunity for the student to select and use patterns, fabrics, and guide sheets in the process of simple garment construction. A minimum of three garments will be completed each semester. Students become aware of how the elements and principles of design work in fashion. Other activities include an intro to fashion illustration, wardrobe planning, participating in the annual fashion show, and an intro to careers in the fashion industry.

(0244) FASHION CONSTRUCTION 2 Grades 10-12 Year  
Prerequisite: Fashion Construction 1 or equivalent. This course is for students with intermediate clothing construction skills. Students will become knowledgeable consumers in the selection of garments, fabrics and accessories, and will use their creativity in making garments for themselves. A minimum of three garments will be completed each semester. One garment will be individually designed through the process of illustrations, computer aided design (CAD) flat pattern or draping. Students also have the opportunity to participate in the annual fashion show, modeling their made garments. Various career paths in the fashion industry are explored.

(0245) FASHION CONSTRUCTION 3 Grades 11-12 Year  
Prerequisite: Fashion Construction 2 or equivalent. This course is structured for students with advanced clothing construction skills. A minimum of three garments will be completed each semester one garment will be created by flat pattern or draping. Students will illustrate three original designs, which will be used in a mat board presentation with samples of fabrics, buttons, trims and other accessories. Students will work in collaborative groups to develop and create a line of clothing. Students will have the opportunity to participate in planning and performing in the annual fashion show, modeling their designed garments. Various career paths in the fashion industry are explored.

(0771) GRAPHICS COMMUNICATION TECHNOLOGY: ANNUAL PRODUCTION Grades 10-12 Year  
Prerequisites: approval by instructor and/or successful completion of Desktop Publishing. Students will produce the school yearbook, which provides an opportunity for practical experience in desktop publishing, managing, editing, writing, visualizing, proof reading, advertising sales and marketing. This is for students who like to write, interview people, and create exciting innovative ways to arrange ideas, fonts, and graphics for publication.

- (0770) GRAPHICS COMMUNICATION TECHNOLOGY: NEWSPAPER PRODUCTION  
 Grades 10-12 Year  
 Prerequisites: approval by instructor and/or successful completion of Desktop Publishing. The Graphic Communications Technology: Newspaper program helps students develop graphic communications skills. The program prepares students for employment of advanced training in journalism, desktop publishing and a variety of related industries.
- (0067) KEYBOARDING/WORD PROCESSING Grades 9-12 Semester  
 Emphasis is on learning the correct technique and spacing rules when using a computer keyboard. Following this basic instruction/review, students learn the introductory fundamentals (copying, pasting, spacing concepts, margins, etc.) of word processing. The second semester of this yearlong course focuses on using word processing skills to create letters, manuscripts with reference citations (endnotes, textual citations, and footnotes), tables, charts, graphs and other documents. Students are introduced to using a computer to compose, edit, and take notes.
- (255) SURVIVAL OF SINGLES A Grades 11 – 12 Semester  
 This course is designed to help students learn the essential living skills needed to make it on their own as they gain knowledge of how to manage their financial resources to meet the demands of the future. Survival of Singles A teaches basic life skills. Concepts are presented in ways that teenagers can understand using hands-on simulations as well as video/DVD and computer lessons. Major economic concepts are covered as well as consumer applications, which include units on job/career, financial education, understanding and using credit, buying a car, selecting and furnishing an apartment, cooking for singles, choosing insurance, filing taxes, and retirement. This course is offered first semester only.
- (0087) T. V. PRODUCTION ART Grade 10-12 Year  
 This course introduces students to principles of video production, and delineates a clear development of the technological and theoretical elements of television production. Students will learn to express their ideas in the video and film. Students will properly understand the historical framework of television and film, and they will develop an awareness and understanding of television arts. Students will produce a number of television broadcasts including the video daily bulletin. Student activities could include: reading of the Daily Bulletin, weekly newscast, documentaries, promotion of clubs, rallies, Student and Athlete of the Month, recording various special interest classes (i.e. chorus, music, fashion, athletics), support community activities, script writing and development film history/criticism, sound design and recording, set designs, etc. Students could have the opportunity to go into the community and report on various activities, i.e., city council meetings, elections, parades, guests, special programs, etc. Students will write the script, interview and video the events, edit, and transmit the information. Teacher permission required. Course may be repeated for credit.
- (0088) +VIDEO PRODUCTION ART Grades 10-12 Year  
 Maximum U.C. and C.S.U. Credit Limitation = 10 credits. No Torrance High School credit limitation. May be repeated for credit.  
 Prerequisite: teacher permission required. Career Development & Research Orientation or equivalent, Year 2 - Video Production 1, Year 3 - Video Production 2. In the Video Production Year 1 program the technology will consists of video and audio recording and editing equipment hardware and software. Students will write, direct, and edit short narrative, documentary and animated films. Students will learn the aesthetics and history of the art of film. They will be able to identify these aesthetics analyze them and make use of them artfully in their own filmmaking. Students will learn how to use Adobe Creative Suite Programs to promote these films, which they will display at the Torrance High School Film Festival. Video Production Art may be taken for either Fine Arts or Career Technical Education credit.

(0639) +FILM & VIDEO PRODUCTION/MULTIMEDIA      Grades 10-12 Year  
Maximum U.C. and C.S.U. Credit Limitation = 10 credits. No Torrance High School credit limitation. May be repeated for credit.

Prerequisite: teacher permission required. Career Development & Research Orientation or equivalent, Year 2 - Video Production 1, Year 3 - Video Production 2. In the Video Production Year 1 program the technology will consists of video and audio recording and editing equipment hardware and software. Students will write, direct, and edit short narrative, documentary and animated films. Students will learn the aesthetics and history of the art of film, focusing on a particular filmmaker or genre for a more intense analytical experience. Students will then take that analytical study of filmmaker an genre and use it as a guide for their own thesis film to be displayed at the Torrance High Film Festival. Video Production Art may be taken for either Fine Arts or Career Technical Education credit.

(0582)      WEB DESIGN      Grades 10-12      Year

This course is an introduction to web designs using HTML and web authoring software. Students will learn how to use HTML to create a well-designed, highly functional web site. The course includes training in Macromedia MX 2004, Adobe Photoshop, and Adobe Image Ready which includes combining shapes, objects, symbols, graphics, storyboards, layers, masks, timelines, movement, "tweening." Students will be introduced to the current technological skills required in the manipulation of typefaces and text along with a variety of appropriate artistic and design layouts. Students will discover how to blend text, graphics and color in order to add accent to any site. Students will use computers and digital software to become comfortable in a graphics, multimedia and Internet-accessible environment. Upon completion of the course, the student will have knowledge and skills to identify and use the basic tools and technical equipment used by business and industry.

(0288)      WOOD 1 A/B      Grades 9-12      Year

This is an introductory course for students. Instruction will cover safety, hand tools, machine tool processes, measurement, calculation of materials, adhesives, fasteners, joinery, project planning, project cost projection, abrasives, and finish materials and procedures. Student will construct a laminated cutting board, jewelry box, and shaker. Project material costs \$25.00

(0537)      WORD PROCESSING      Grades 9-12      Semester

Prerequisite: one semester of keyboarding or teacher approval. Microsoft Word™ is used to develop word processing skills to format letters, manuscripts with reference citations (endnotes, textual citations, and footnotes), tables, charts, graphs and other documents. Students are introduced to using a computer to compose, edit, and take notes. *Word processing is a highly recommended course for students who are continuing their education in college or seeking entry-level employment that requires computer skills.*

## ENGLISH DEPARTMENT

The aim of the English program is to enable students to communicate effectively through the development of well-organized thought processes, higher-level analysis skills, and mature written expression. Required and elective courses encourage an interest in various forms of quality literature and expository writing. All English classes focus on developing students' skills in meeting the California Content Standards for English-Language Arts and passing the CAHSEE.

To guarantee English skills competence, the following requirements have been approved by the Board of Education:

1. All students will be required to pass a total of forty units of English prior to graduation.
2. All freshmen are required to take English 1; sophomores to take English 2; juniors to take English 3 and seniors to take English 4. Students may also enroll in additional elective English classes.

(0092) +ENGLISH 1 Grade 9 Year

(0099) +ENGLISH 1 EL (#used for scheduling purposes only) Grade 9 Year

English 1 is a literature-based and meaning-centered class which includes the techniques of reading varied literary forms and emphasizes paragraph and short essay development in expository, narrative, and descriptive writing. Students will review grammar, usage, and mechanics and develop control over the conventions of standard English expression. Through class discussions, group activities, and homework students will improve speaking, reading, writing and listening skills.

(0095) +ENGLISH 1 HONORS Grade 9 Year

This accelerated English course offers opportunities to work with sophisticated literary devices, to apply higher-level thinking skills, and to read more demanding literature than is offered in English 1. The purpose of this course is to prepare honors-level students for English Literature AP. Students are strongly encouraged to earn an A in English prior to enrolling in this challenging course.

(0097) +ENGLISH 2 Grade 10 Year

(0098) +ENGLISH 2 EL (#used for scheduling purposes only) Grade 10 Year

Writing and the study of literature are equally important in English 2. Reading, writing, speaking and listening experiences are integrated in all areas of study. Students are guided to write in a style that reflects a growing control over the conventions of standard English expression, which includes grammar, usage, and mechanics.

(0100) +ENGLISH 2 HONORS Grade 10 Year

Students in English 2 Honors should be superior students from English 1 or English 1 Honors. Like English 1 Honors, English 2 Honors requires more reading, more homework, and a more sophisticated writing level than English 2. Students are strongly encouraged to earn a grade A or B in English 1 Honors, or a grade of A or B in English 1 prior to enrolling in this challenging course.

(0102) +ENGLISH 3 Grade 11 Year

(0094) +ENGLISH 3 EL (#used for scheduling purposes only) Grade 11 Year

English 3 is a student-centered, literature rich, integrated language arts course that emphasizes American literature, including the works of Hawthorne, Hemingway and Twain. Students reflect American thinking and American history by reading novels, short stories, essays, plays, and poems. This course highlights exposition and other factual compositions written in individual and group settings. A research paper is required. Students improve listening and speaking skills through speeches and discussions. English conventions, such as grammar, usage, and mechanics, are also included. English 3 is a required, 10-unit course, which meets California English Language Arts Content Standards.

(0105) ★+ENGLISH 3 HONORS Grade 11 Year

See English 3 course description. Like English 2 Honors, English 3 Honors is an accelerated class.

**NOTE: ENGLISH 4 and ENGLISH 4AP - The Senior Project is a required component of English 4 and will be incorporated into the course grade.**

(0107) +ENGLISH 4 Grade 10 Year  
(0091) +ENGLISH 4 EL (#used for scheduling purposes only) Grade 10 Year

English 4 is a student-centered, literature rich, integrated language arts course, which focuses on British and Contemporary literature. Students will engage in the careful reading and critical analysis of novels, short stories, essays, plays, and poems, which reveal the history as well as recent development of English language and literature. Students will develop as writers who compose for a variety of purposes with emphasis on essay development and development of personal style. Students will also continue to improve upon their listening and speaking skills through speeches and discussions. The Senior Project will be one component of this course of study. English 4 is a required, 10-unit course, which meets California English-Language Arts Content Standards.

(0111) ★+ENGLISH LITERATURE AP Grade 12 Year

See English 4 course description above. The AP English Literature and Composition is a college level course that engages students in the careful reading and critical analysis of imaginative literature. Essay writing is a major component of the course. In addition to the work required in English 4, English 4 AP prepares students for the Advanced Placement examination in English Literature and Composition. Students enrolled in English 4 AP are expected to take the Advanced Placement Test in the spring of their senior year. Like English 1, 2 and 3 Honors, English 4 AP is a rigorous course for the dedicated senior English student.

### ENGLISH ELECTIVES

(148) +CONTEMPORARY LITERATURE Grades 11-12 Semester

Contemporary Literature is an English elective course for juniors and seniors. This course focuses on literature that reflects the best writing of the late twentieth century authors and analyzes what makes this literature unique. The in-class activities and homework are as varied as the literature presented. Course work includes formal writing instruction and practice. This course meets the California English-Language Arts Content Standards. Offered second semester only.

(0127) +CREATIVE WRITING 1 A/B Grades 10-12 Semester/Year

Creative Writing is a student-centered, literature-rich language arts course which allows students to develop their writing skills and styles by examining fiction, poetry, drama and nonfiction and by learning to use their own experiences, observations, and judgments as sources for their writing. Students may have the opportunity to publish their original work. This course meets the UC/CSU elective requirements.

(0152) +FICTION FAVORITES Grades 11-12 Semester

This course is designed to help students improve their reading comprehension skills. Fiction topics will be used for class discussions and written assignments. The class will allow students to work individually to develop writing and reading skills. This course meets the UC/CSU elective requirements. Offered first semester only.

(0185) +FORENSICS WORKSHOP A/B Grades 10-12 Semester

Prerequisite: A grade of "C" or better in English and instructor approval. Forensics and Debate is designed to be a competitive academic activity class with emphasis on the development of communication skills and knowledge. Students will become proficient in the skills required for debate, research, and organization. Students will compete in a variety of events ranging from original oratory, to debate, to extemporaneous speaking, to the oral interpretation of literature. These events will take place locally and at the state level. This course requires a commitment beyond the school day.

(0187) +SPEECH 1 A/B Grades 10-12 Semester/Year

Speech 1 is a course for students in grades 10-12. This course is a student centered, language arts course that provides instruction and practice in oral presentation skills through a variety of research, reading, writing, speaking, and listening activities drawn from literature and other resources. Emphasis is placed on preparation and delivery of oral presentations.

## ENGLISH LANGUAGE DEVELOPMENT ELECTIVES

These courses do not count toward English graduation requirements. The following support classes are designed for English Language Learner (ELL) students to assist them in acquiring greater proficiency in English. Students need ELL coordinator or teacher permission prior to enrollment.

(0789) ENGLISH LANGUAGE DEVELOPMENT 1      Grades 9-12      Semester/Year  
English Language Development 1 is designed for the student functioning at the beginning stage of English language acquisition. This class focuses on building vocabulary and usage.

(0786) +READERS WORKSHOP      Grades 9-12      Semester/Year  
English Language Learners will have the opportunity to strengthen their reading skills and improve their vocabulary in Reading Workshop. Novels will be read together as a class, in small groups, and as individual books. This course provides practice in preparation for the CAHSEE exam. Levels 2 and 3 of English Proficient students will benefit from this course.

(0788) SPEECH DEVELOPMENT WORKSHOP      Grades 9-12      Semester/Year  
Speech Workshop is a student-centered course designed to give English Language Learners a variety of experiences in preparing and delivering both formal and informal speeches. This course provides a non-threatening atmosphere where English Language Learners can practice their developing language skills and build confidence in using the English language. This class also supports the second language learner in preparation for the Senior Project.

(0792) STUDY SKILLS WORKSHOP A/B      Grades 9-12      Semester/Year  
This course is designed to give English Language Learners the opportunity to become redesignated as Fluent English Proficient. Students will work within the particular academic area(s) of need while also improving their English proficiency skills.

(0787) +WRITERS WORKSHOP      Grades 9-12      Semester/Year  
This course is designed to help students work on the fluency and effectiveness of their writing. Both fiction and nonfiction texts are used for study and as models. Students may work individually and in small groups on teacher and student-selected topics. Levels 2 and 3 English Language Learners will benefit from this course.

## FOREIGN LANGUAGE DEPARTMENT

Two consecutive years of the same language are required for university entrance and three years are recommended. However, all foreign language classes are electives and are NOT required for high school graduation. Many activities and classroom materials are used in the teaching of foreign language. History, literature and other cultural contributions are a part of these courses. **Classes are academically rigorous and require daily homework and student preparation.** Level 1 Foreign Language classes are recommended for students with strong math and English Language Arts skills. Tests are oral and written. AP Classes: To enroll in Spanish Literature AP, a student must complete Spanish 3 with a grade of C or higher.

(0214)	+CHINESE 1	Grades 9-12	Year
(0209)	+JAPANESE 1	Grades 9-12	Year
(0228)	+KOREAN 1	Grades 9-12	Year
(0218)	+SPANISH 1	Grades 9-12	Year

Chinese 1, French 1, Japanese 1, Korean 1, and Spanish 1 involve periods of intensive oral drill and practice intended to develop the ability to learn language sounds accurately and to imitate them without distortion. The student learns to carry on simple conversations and to understand directions concerning the classroom and its activities. The student studies vocabulary and grammar by reading, writing, listening and speaking, and learns sentence patterns through practice drills in the classroom. Homework is assigned daily.

(205)	+SPANISH FOR SPANISH SPEAKERS A/B	Grades 9-12	Year
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Spanish for Spanish Speakers A/B involves the development of the four communication skills: listening, speaking, reading, and writing. It takes into considerations the student's previously acquired language skills and builds from there. This year-long course will provide the learner with the study of advanced vocabulary, grammar, and culture through literature and language practice. Homework is assigned daily.

(0197)	+FRENCH 2	Grades 9-12	Year
(0210)	+JAPANESE 2	Grades 9-12	Year
(0229)	+KOREAN 2	Grades 9-12	Year
(0220)	+SPANISH 2	Grades 9-12	Year

*Prerequisite: completion of the 1<sup>st</sup> year of the language with a grade of C or better.* French 2, Japanese 2, Korean 2 and Spanish 2 provide experience to increase speaking, understanding, reading, and writing ability in the language as it is used in its culture. The life and customs of the people are studied, and increased knowledge of language structure is emphasized. Homework is assigned daily.

(0221)	+Spanish 2 Honors	Grades 9-10	Year
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*Prerequisite: completion of Spanish 1 with grades of "B" or better is recommended.*

Spanish 2 Honors is a fast moving academic class designed to prepare students for greater success in upper level Spanish classes. This course will include extra conversational practice, short stories, visual and audio resources, and various cultural activities. The ability to work independently and the desire to advance in all areas of the language are essential. Homework is assigned daily.

(0199)	+FRENCH 3	Grades 10-12	Year
(0211)	+JAPANESE 3	Grades 10-12	Year
(0230)	+KOREAN 3	Grades 10-12	Year
(0222)	+SPANISH 3	Grades 10-12	Year

*Prerequisite: completion of the 2<sup>nd</sup> year of the language with a grade of C or better.* Third year classes offer reading for comprehension of functional grammar, videos in the native language are also incorporated into the course, and improvement of written and oral expression. Homework is assigned daily.

(0223) ★+Spanish 3 Honors Grades10-11 Year

*Prerequisite: completion of Spanish 1 & 2 with grades of "B" or better is recommended.*

Spanish 3 Honors is a fast moving class taught almost entirely in Spanish. Class activities, including explanations and directions, will be conducted in Spanish at an accelerated pace. Reading selections are advanced both in language and literary content. Completing and presenting both group and independent projects are integral parts of the program. The ability to work independently and the desire to advance in all areas of the language are essential. Homework is assigned daily.

(0200)	+FRENCH 4	Grades 11-12	Year
(0195)	+JAPANESE 4/5	Grades 11-12	Year
(0231)	+KOREAN 4	Grades 11-12	Year
(0224)	+SPANISH 4	Grades 11-12	Year

*Prerequisite: completion of the 3<sup>rd</sup> year of the language with a grade of C or higher is recommended.*

Fourth year classes emphasize the student's ability to speak, understand, read, and write in the language. Works of acclaimed authors are read. The ability to work independently and the desire to advance in all areas of the language are essential. Homework is assigned daily.

(0253)	★+KOREAN 4 Honors by Demonstration	Grades 11-12	Year
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Korean 4 Honors by Demonstration will provide advanced practice in reading and writing Korean. This includes extensive use of Hangul as well as the strengthening of previously learned Hancha (Chinese character writing) and the learning of new Hancha. Small group conversations will strengthen conversations skills and confidence in speaking the language. While further developing listening, comprehension and writing skills, the course will provide advanced studies in Korean literature and develop a better understanding of the culture of Korea. Additionally, students will be able to read, critique and analyze a variety of reading materials, and utilize them when writing research papers and completing various independent projects. The goal of this course is to enhance the students' fluency in everyday conversation as well as in the reading and writing of Korean.

This course is intended to meet both the University of California and the California State University requirements as an advanced foreign language. Homework is assigned daily.

(0232)	+KOREAN 5	Grade 11-12	Year
(0254)	★+KOREAN 5 Honors by Demonstration.	Grade 11-12	Year

Korean 5 Honors by Demonstration will provide advanced practice in reading and writing Korean. This includes extensive use of Hangul as well as the strengthening of previously learned Hancha (Chinese character writing) and the learning of new Hancha. Small group conversations will strengthen conversations skills and confidence in speaking and listening. While further developing listening, comprehension and writing skills, the course will provide advanced studies in Korean literature and develop a better understanding of the culture of Korea. Additionally, students will be able to read, critique and analyze a variety of reading materials, and utilize them when writing research papers and completing various independent projects. The goal of this course is to enhance the students' fluency in everyday conversation as well as in the reading, writing and and translating of Korean at a level for independent survival. This course is intended to meet both the University of California and the California State University requirements as an advanced foreign language

(0189)	★+SPANISH LANGUAGE AP	Grade 11-12	Year
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*Prerequisite: Spanish 3 with a grade of B or higher is recommended.* These courses augment the student's ability to understand written and oral language and to read and discuss literature, current news and magazine items. This course is intended for students who wish to develop their proficiency in the four language skills: listening, speaking, reading, and writing. Students who enroll should already have a basic knowledge of the language and culture of Spanish-speaking people and should have attained a reasonable proficiency in listening comprehension, speaking reading, and writing. The AP Language examination will be appropriate for students who have equivalent of approximately 300 hours of instruction at the college level. The course and exam will incorporate Spanish cultural information within the teaching of reading, writing, listening, and speaking of the language. Independent and group projects will be required. AP students are expected to take the Advanced Placement examination at the end of the school year. The ability to work independently and in groups, and the desire to advance in all areas of the language are essential.

## MATHEMATICS DEPARTMENT

The mathematics program reflects the importance of mathematics as a useful tool in solving problems. Each class requires daily homework assignments with the time a student spends on homework varying according to individual needs and type of class. Twenty credits of mathematics are required for graduation. Once enrolled in a math class, a student remains in that class for the full year. Audits are not given in math classes. Ten credits and the minimum grade in the prerequisite class are required for progression to next class.

The three possible sequences of math courses are:

	<b>SEQUENCE 1</b>	<b>SEQUENCE 2</b>	<b>SEQUENCE 3</b>
Year 1	Algebra 1	Geometry	Algebra 2
Year 2	Geometry	Algebra 2	Pre-Calculus
Year 3	Algebra 2	Pre-Calculus	Calculus AP-AB or
Year 4	Pre-Calculus and/or Prob/Stats	Calculus AP-AB, or Calculus AP-BC and/or Statistics AP or Prob/Stats	Calculus AP-BC and/or Statistics AP or Prob/Stats

### HONORS AND AP CLASSES

The following are the basis for teacher recommendations:

- Incoming eighth grade students are recommended to enroll in Geometry Honors with a grade of A or B in Algebra 1.
- Incoming ninth grade students are recommended to enroll in Geometry Honors with a grade of A and teacher recommendation in Algebra 1.
- Students who want to enroll in an Honors course are recommended to have a grade of A in a regular mathematics class and teacher recommendation.
- Students in the honors program are recommended to remain in honors classes if they receive grades of A or B in their current honors classes.
- Students who transfer into Torrance High School will be enrolled in honors or AP classes if they were enrolled in these classes at their previous schools.
- Students who earn grades of A or B in the second semester of Pre-Calculus Honors are encouraged to enroll in Calculus AP.
- Students are recommended to enroll in Calculus AP-AB with grades of A in Pre-Calculus.
- Juniors with a grade of A in Pre-Calculus Honors are encouraged to take Calculus AP-BC with teacher recommendation.
- Students who earn grades of A, B, or C in any Pre-Calculus class are recommended to enroll in Statistics AP or Probability and Statistics.
- Seniors who earn grades of A or B in any Algebra 2 class may enroll in Statistics AP.
- Students who earn an A or B in Calculus AP-AB are recommended to enroll in Calculus AP-BC.

(0302) +ALGEBRA 1 Grades 9-12 Year  
This class gives practice in problem solving and abstract thinking and bridges the gap between arithmetic and higher mathematics. It includes algebraic techniques and concepts involved in the fundamental operations of signed numbers, formulas, equations, graphs and factoring. Teaching methodology includes lecture/class discussion, small group investigations, and individual drill work.

(0306) +ALGEBRA 2 Grades 9-12 Year

(0307) +ALGEBRA 2 HONORS Grades 9-12 Year

*Prerequisite: credit in both Algebra 1 and Geometry is required and a grade of C or higher in both Algebra 1 and Geometry is recommended.* For Honors recommendation, please read Honors section at the beginning of the Mathematics Department guidelines. This course covers the more advanced phases of factoring, ratio, proportion and variation, and graphs; connects algebra and geometry to solve problems; solves systems of equations, series and logarithms. Teaching methodology includes lecture/class discussion, small group investigations, and individual drill work.

(0326) ★+CALCULUS AP-AB Grades 11-12 Year

*Prerequisite: Pre-Calculus Honors or a grade of A-in Pre-Calculus is recommended.* Please read AP section at the beginning of the Mathematics Department guidelines. This course presents variables, functions, limits, differentiation and integration. This class prepares students for the AB Calculus Advanced Placement Test, which can earn one semester college credit.

(0328) ★+CALCULUS AP-BC Grades 11-12 Year

*Prerequisite: a grade of A in Pre-Calculus Honors or Calculus AP-AB is recommended.* For Honors recommendation, please read Honors section at the beginning of the Mathematics Department guidelines. This course includes the same concepts as Calculus AP-AB and the additional topics of vector functions, infinite series, L'Hopital's Rule, and differential equations. This class prepares students for BC Calculus Advanced Placement Test, which can earn two semesters college credit.

(0315) +GEOMETRY Grades 9-12 Year

(0316) +GEOMETRY HONORS Grades 9-12 Year

*Prerequisite: credit in Algebra 1 is required and a grade of C or higher in Algebra 1 is recommended.* This course is a study of lines, angles, polygons, circles, arcs, solids, and coordinate geometry. Geometry stresses the concepts of logic, formal proofs, and problem solving, combining geometric concepts with algebraic fundamentals. Teaching methodology includes lecture/class discussion, small group investigations, and individual drill work.

(0301) HIGH SCHOOL MATHEMATICS 1 Grades 10 Semester/Year

*Prerequisite: a passing grade in Algebra 1 but not recommended for Geometry or teacher recommendation.* This is a transition course for students who have not mastered their algebra skills enough to pass the California High School Exit Exam (CAHSEE) or be prepared for geometry. This class will reinforce their algebra skills and techniques and introduce geometric concepts in preparation for Geometry. The class is also for students who have some Algebra credit, but have not passed the CAHSEE.

(0313) HIGH SCHOOL MATHEMATICS 2 Grades 11-12 Semester/Year

This is a course for 11<sup>th</sup> and 12<sup>th</sup> grade students who have not mastered their algebra skills enough to pass the high school exit exam. This course reinforces algebra skills and techniques. This course is for students who have not passed the California High School Exit Exam and are deficient in the math credits necessary for graduation.

(0314) HIGH SCHOOL MATHEMATICS 3 Grades 11-12 Semester/Year  
This is a course for 11<sup>th</sup>/12<sup>th</sup> grade students who need further reinforcement in mastering their algebra skills and techniques to pass the California High School Exit Exam. This course is for students who have not passed the high school exit exam and/or are deficient in math credits necessary for graduation.

(0319) +PRE-CALCULUS Grades 10-12 Year  
(0320) ★+PRE-CALCULUS HONORS Grades 10-12 Year

*Prerequisite: credit in Algebra 1, Geometry, and Algebra 2 is required and a grade of C or higher in Geometry and Algebra 2 is recommended.* For Honors recommendation, please read Honors section at the beginning of the Mathematics Department guidelines. This is an advanced course, which reviews Algebra 2 and covers Trigonometry, vectors and limits.

(0317) +PROBABILITY AND STATISTICS Grades 11-12 Semester/Year

*Prerequisite: a grade of C or higher in Algebra 2 and/or Pre-Calculus is recommended.* This is a one-year course intended for students who have successfully completed a second-year course in algebra. The course introduces probabilistic and statistical concepts and their applications to real-world statistical problems. This course will make use of the statistical capabilities of the graphing calculator to solve various problems. This is not an AP course but is a rigorous and comprehensive introduction to statistics.

(0299) ★+STATISTICS AP Grade 11-12 Year

*Prerequisite: a grade of B or higher in Algebra 2 and/or a C or higher grade in Pre-Calculus is recommended.* Statistics AP is an advanced placement course in statistics. It is an introduction to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course will integrate the use of graphing calculators and computers. This course is equivalent to a one semester, introductory, college course in statistics typically required for engineering, psychology, sociology, health, science and business majors.

(0300) TRIGONOMETRY Grades 10-12 Year

*Prerequisite: a passing grade less than B in Algebra 2 or teacher recommendation.* Trigonometry is a course that prepares students for Pre-Calculus. This year-long course is designed for students who have already passed Algebra 2 but are not ready for the rigors of Pre-calculus. The course embeds prerequisite Algebra 2 concepts while complementing and expanding the mathematical content and concepts of geometry as they relate to the study of trigonometry. Emphasis is on abstract thinking skills, the function concept, and the solution of problems in various content areas. Successful completion of this course will allow students to move on to either Pre-calculus or Probability and Statistics.

## PHYSICAL EDUCATION/HEALTH DEPARTMENT

Each student in the 9th and 10th grade is required to take physical education and Health. Classes are designed to give varied activities during each quarter. The instructional program includes learning skills, rules, strategies, safety factors, etiquette of various sports, team, dual and individual sports as well as developmental activities and physical fitness training.

Any student in a school-sponsored interscholastic athletic or pep program offered during a semester is exempt from regular physical education instruction and receives credit in athletics. A student in athletics may take a P.E. class as an elective. However, only one of those P.E. grades can be used for eligibility.

NOTE: credit in all PE and Athletics classes is earned quarterly (2.5 credits per quarter = 10 credits per year) with 20 credits in P.E required to graduate from high school. PE grades are used to determine student eligibility for sports and other school activities, but not for the grade point average for university admission, honors recognition, and automobile insurance discounts.

Daily dressing is required. Students are required to dress for P.E. in suitable P.E. clothing according to state law. Excuses may be issued for non-participation only. If a student is to be excused from an activity, a note from the parent, or doctor must be given to the health office before class. Daily participation is vital to receiving credit for P.E.

Physical Education uniforms are recommended for all students enrolled in P.E. The uniform is a gray T-shirt and maroon shorts. Uniforms will be available for purchase during the first week of school. Prices are as follows: shorts \$10.00, t-shirts \$10.00.

No pockets on any clothing will be allowed for safety precautions. Loose fitting or dangling jewelry should not be worn. (Failure to comply results in a non-suit for that day.) Lockers will be issued, students must supply their own combination lock. The school is not responsible for replacing lost/stolen items.

State Fitness Gram Testing. All ninth grade physical education and athletic students will be required to complete the Fitness Gram battery of health related fitness items. The State of California is requiring that each student meet 5 of the 6 criterion-referenced standards in order to be promoted from Course 1 to Course 2 in the physical education/athletics curriculum. If a student does not meet the passing criteria in the ninth grade, the student will continue taking the Fitness Gram battery of tests until they reach the passing criteria. The Fitness Gram will only be given once a year during the second semester.

(0369) COLOR GUARD [Drill Team] (combined Drill Team & Tall Flags) Grades 9-12 Year  
Prerequisite: Complete tryouts and be selected by qualified judges. This class is devoted to learning and practicing dance, prop, and tall flag routines needed to work with the Marching Band in field shows, parade and spring competitions. Each participant must have a physical examination from a doctor, insurance, parent permission forms on file and clearance from the athletic directors office before he/she may participate. Each participant must meet District eligibility requirements. Students must also enroll in Marching Band/PE.

(0373) DANCE 1 (Beginning Dance) Grade 9-12 Year  
Beginning Dance is a one-year course, which will satisfy part of the Physical Education requirement for graduation. Students will explore concepts and techniques of dance. Included in these areas will be styles of movement, creative expression and choreographic skills. Recognizing the place of dance in historical and cultural contexts, as well as viewing and evaluating dance work with written assignments will be a part of this class. Students will need black or dark gray leggings, physical education style t-shirt, and dance shoes to participate in Beginning Dance. Street shoes are not permitted.

(0374) DANCE 2 (Intermediate Dance) Grade 10-12 Year  
*Prerequisite: successful completion of Beginning Dance and teacher permission.* Intermediate Dance is a one-year course which will satisfy part of the Physical Education requirement for graduation. Students will explore concepts and techniques of dance. Included in these areas will be styles of movement, creative expression and choreographic skills. Recognizing the place of dance in historical and cultural contexts, as well as viewing and evaluating dance work with written assignments are part of this class. Students will need black or dark gray leggings, physical education style t-shirt, and dance shoes to participate in Intermediate Dance. Street shoes are not permitted.

(0386) FITNESS CONDITIONING Grade 10-12 Quarter/Year  
Fitness Conditioning is a one-year course, which will satisfy part of the Physical Education requirement for graduation. Students will achieve and maintain a health enhancing level of fitness. Students will learn exercises designed to improve their cardiovascular endurance, muscle definition, and flexibility. Students will evaluate their own fitness needs and design personal health-related fitness plans. Fitness Conditioning will include the following topics: exercise safety, health and wellness as well as the most current research and information on Exercise and nutrition. Students will understand the physiological, psychological and social benefits of a healthy, active lifestyle. The actual *Total Body Workout* will be instructed with music. Priority registration goes to 11<sup>th</sup> and 12<sup>th</sup> graders. Students will need to dress in appropriate workout clothing and proper athletic shoes must be worn at all times.

(0235) HEALTH Semester  
The course is designed to help students understand and develop the knowledge, skills, attitudes and behaviors that are critical to healthy living. Includes guest speaker for various topics concerning teenage health. This course is required to graduate and is required for all 9<sup>th</sup> grade students.

(0376) MARCHING BAND/P.E. Grades 9-12 Year  
See BAND AT TORRANCE HIGH SCHOOL AND HOW TO ENROLL IN BAND (pages 28 and 29). Each participant must have a physical examination from a doctor, insurance, parent permission forms on file and clearance from the athletic director's office before he/she may participate. Each participant must meet District eligibility requirements.

(0381) PEP SQUAD Grades 9-12 Year  
Prerequisite: to fulfill all requirements during spring tryouts and to be selected by qualified judges. Class period is used to learn and practice routines for performances at school sporting events and special activities and after school practices are required and mandatory. Participants are responsible for individual uniform and camp expenses. Each participant must have a physical examination from a doctor, insurance, parent permission forms on file and clearance from the athletic director's office before he/she may participate. Each participant must meet District eligibility requirements.

(0384) PHYSICAL EDUCATION – COURSE 1 (PE 9) Grade 9 Quarter/Year  
Program: all ninth graders must take ninth grade physical education unless participating athletics, P.E. Band, Color Guard, or Pep Squad. Students will participate in two activities per quarter. All classes are coed. Ninth grade physical education classes may include the following activities: fitness and conditioning; badminton, tennis; flag football; wrestling; soccer; weight training; basketball; softball; volleyball; and track and field.

(0385) PHYSICAL EDUCATION – COURSE 2 (PE 10-12) Grades 10-12 Quarter/Year  
Students in grade ten are required to take Physical Education. Two years (or 8 quarters) of P.E. credit is required for graduation. Physical education is optional for students in grades 11 and 12 who have already completed the P.E. graduation requirement. The activities, which may be offered include badminton, tennis, volleyball, weight training, softball, surfing, basketball and soccer.

(0382) WEIGHT TRAINING Grades 10-12 Quarter/Year

Weight training is a coeducational activity offered to students who want to further their physical conditioning. Technical training and proper lifting fundamentals are taught. Students will learn to develop a personal work out program to fit his/her needs. Additional equipment is made available for the students to use and individualized programs are designed to help students progress. Strength and muscle building. *Total Body Workout* will be instructed with music. Priority registration goes to 11<sup>th</sup> and 12<sup>th</sup> graders.

PHYSICAL EDUCATION ATHLETICS Grades 9-12 Quarter/Year

Prerequisite: students are recommended for this program by respective coaches. The courses involve participation in interscholastic athletic program. Each athlete is responsible for seeing that his/her name is on the team roster submitted by the coach of that sport prior to scheduling. Students approved for a team will be placed in 6th period and remain in 6th period for the entire semester. Each athlete must have a physical examination from a doctor, insurance, parent permission forms on file and clearance from the athletic director's office before he/she may participate. Athletes must meet CIF and District eligibility requirements (GPA above 2.0, no more than one U). Once the student begins a sport, he/she is ineligible to participate in another sport until the initial season has ended.

Students are encouraged to participate in the Torrance High School Summer school athletic programs that are offered at Torrance High School.

FALL SPORTS

- (0370) Boys' Football
- (0395) Boys' Water Polo
- (0368) Boys' and Girls' Cross Country **{offered 1st semester only}**
- (0389) Girls' Tennis
- (0391) Girls' Volleyball
- (0399) Girls' Golf

WINTER SPORTS

- (0387) Boys' Soccer
- (0387) Girls' Soccer
- (0367) Boys' Basketball
- (0367) Girls' Basketball
- (0395) Girls' Water Polo
- (0392) Boys' and Girls' Wrestling

SPRING SPORTS

- (0366) Boys' Baseball (Try outs held in winter)
- (0388) Girls' Softball (Try outs held in winter)
- (0390) Boys' & Girls' Track (Sign-up in winter) **{offered 2<sup>nd</sup> semester only}**
- (0399) Boys' Golf (Try outs held in late fall)
- (0395) Boys' & Girls' Swimming
- (0389) Boys' Tennis (Try outs held in late fall)
- (0391) Boys' Volleyball (Try outs held in late fall)

Because all 9th and 10th graders must be enrolled in physical education, **keeping statistics for a team is considered an aide position. It is a quarter class and does NOT count as a P.E. class. Statisticians will not be enrolled in 6<sup>th</sup> period Athletics.**

## SCIENCE DEPARTMENT

### Some Things to Consider When Recommending Students for Classes

- **Anatomy and Physiology, Anatomy Honors, and Marine Science** are biological sciences with no math prerequisites but are still rigorous courses.
- **Biology AP and Chemistry AP:** These classes are second year courses. Students must have taken the 1<sup>st</sup> year of the course as a prerequisite
- **Chemistry/Chemistry Honors:** Please consult course handbook for math requirements
- **Environmental Science AP:** Student must have completed Chemistry 1.
- **Physics AP:** Students must be concurrent in Calculus or higher
- All AP classes are college level courses and students are expected to take the AP examinations.

#### **9<sup>th</sup> Grade Physical Science Of The Earth Pathway**

8 <sup>th</sup> Grade	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
	Physical Science of Earth	Biology Biology Honors	Chemistry 1 Chemistry 1 Honors Anatomy Anatomy Honors Marine Science	Chemistry 1 Chemistry 1 Honors Chemistry AP Physics Physics AP Environmental Sci AP Anatomy / Anatomy H Marine Science

#### **9<sup>th</sup> Grade Biology Pathway**

8 <sup>th</sup> Grade	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
	Biology Biology Honors	Chemistry 1 Chem 1 Honors	Chemistry AP Biology AP Physics Physics AP Environmental Sci AP Anatomy/Anatomy H Marine Science	Chemistry AP Biology AP Physics Physics AP Environmental Sci AP Anatomy/Anatomy H Marine Science

#### **Accelerated Science Pathway**

8 <sup>th</sup> Grade	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Biology Honors	Chemistry 1 Chem 1 Honors	Chemistry AP Biology AP Physics/ Physics AP Environmental Sci AP Anatomy/Anatomy H Marine Science	Chemistry AP Biology AP Physics/ Physics AP Environmental Sci AP Anatomy/Anatomy H Marine Science	Chemistry AP Biology AP Physics/Physics AP Environmental Sci AP Anatomy/Anatomy H Marine Science

(0405) +PHYSICAL SCIENCE OF EARTH EL (PSE EL) (Physical Science)(#used for scheduling purposes only)

(0421) +PHYSICAL SCIENCE OF EARTH (PSE) Grade 9 Year

This entry level course is an overview of physical science with an emphasis on the earth and provides insight into the means by which scientific knowledge is acquired. This year-long lab course is based upon the California State Content Standards for Science with a focus placed on developing abilities in problem solving through experimentation and concrete examples. Through the integration of chemistry and physics, students will study: earth's place in the universe, dynamic earth processes, energy in the earth system, biogeochemical cycles, composition of the atmosphere, and California geology. This year-long course is designed to meet the physical science graduation requirement for the state of California and Torrance Unified School District. PSE meets the "g" elective University of California entry

requirements.

(0405) +ANATOMY & PHYSIOLOGY (Biological Science) Grades 10-12 Year  
*Recommendation: students selecting Anatomy and Physiology are encouraged to have earned course grades of "C" or better in either 1) Biology and Chemistry or 2) PSE*

This demanding course is open to students interested in the branch of science that provides an extensive and detailed study of the numerous organ systems of the human body. This rigorous course explores an introductory understanding of anatomical structures and physiological interactions of the body. Students will be working with specific organ dissection and will also include the systematic dissection of fetal pigs.

(0406) ★+ANATOMY & PHYSIOLOGY HONORS (Biological Science) Grades 10-12 Year  
This course is designed for the highly motivated student interested in pursuing a career in the healthcare profession. Using the thematic approach of homeostasis, the course involves extensive knowledge through all the major systems of the human body. The course will include critical thinking laboratory experiments as well as a number of complex animal dissections, including the cat. Assessment will include frequent use of practical exams. In addition, classroom discussion will focus on bioethics and medical controversies that challenge higher level thinking skills. The curriculum covers all of the systems with more depth and detail than the regular anatomy class and is designed for students that meet the honors criteria as listed on page 33 of the course description book.

(0424) +BIOLOGY 1 EL (Biological Science) (#used for scheduling purposes only)  
(0409) +BIOLOGY 1 Grades 9-12 Year

*Prerequisite for ninth grade students: Geometry or higher math class concurrently.*  
This is a one year course, which includes biological principles, vertebrate and invertebrate systems; microorganisms; genetics, plant and animal cell systems; evolution; and ecology. The investigative approach is emphasized and laboratory techniques are used in this hands on journey into living systems. This course satisfies biological science graduation requirement for TUSD and meets one year of the UC/CSU requirements as a lab science.

(0411) +BIOLOGY 1 H (Biological Science) Grades 8-10 Year  
*Prerequisite: Geometry or higher math class concurrently.*  
*Recommendation: students selecting Biology Honors are encouraged to have earned an A in Physical Science of the Earth for both semesters.*

This course is the study of living things through the molecular approach to life. The structure and function of organisms through evolution will be included in this introduction to a complete program of future science courses. This class is recommended for highly capable and highly motivated students. Students selecting this course should read at or above grade level and be mature enough to work independently. Subject matter is demanding and will require daily student preparation and study. This course satisfies biological science graduation requirement for TUSD and meets one year of the University requirements as a lab science.

Note Biology 1 Recommendation:

- 9<sup>th</sup> grade students who take Biology 1 must have successfully completed Algebra 1 and be concurrently enrolled in Geometry.
- Students who choose Biology 1 in the ninth grade year must complete Chemistry or Physics to graduate from high school.

(0414) ★+BIOLOGY AP (Biological Science) Grades 10-12 Year  
*Prerequisite: PSE, Biology 1, Chemistry as well as Pre-Calculus.*  
*Recommendations: students selecting Biology 2 AP are encouraged to have completed Biology and Chemistry with a grade of A or Biology Honors and Chemistry Honors with a grade of B or better.*

This standards based college level class is designed for capable, highly motivated students. This course will prepare students for the Advanced Placement Test, which can earn college credit. Course content is rigorous, requiring daily student preparation and study. Students must be capable of working on their own. Students need to contact the Science Department Chair by June 12 to discuss summer reading. This course will prepare students to show competency in the California State Content Standards in Biology.

(0417) +CHEMISTRY 1 (Physical Science) Grades 9-12 Year  
*Recommendations: students selecting chemistry are encouraged to have earned a grade of C or better in Biology and need to be enrolled in Algebra 2 or a higher math class concurrently.*  
Course content includes the study of the fundamental laws and principles of chemistry, including related laboratory experiences and problem solving. A strong background in mathematics is recommended. Successful completion of chemistry is an entrance requirement for many colleges and recommended by all colleges. It is a laboratory science, which meets requirements for college entrance. This course will prepare students to show competency in the California State Content Standards in Chemistry.

(0418) ★+CHEMISTRY 1 HONORS (Physical Science) Grades 9-12 Year  
*Prerequisite: PSE and Biology as well as Algebra 2 or higher math class concurrently.*  
*Recommendations: students selecting Chemistry Honors are encouraged to have earned a B or better in Geometry and also earned an A in Biology, earned an A or B in Biology Honors, or earned an A in both semesters of both Physical Science of the Earth and Integrated Science 2.*  
This class uses a university level textbook and is designed and recommended for capable and highly motivated students. Daily student preparation and study is required. Course content is rigorous and includes a great deal of mathematical problem solving. Students must be capable and willing to work independently. Chemistry Honors meets college entrance requirements for a laboratory science.

(0439) ★+CHEMISTRY AP (Physical Science) Grades 10-12 Year  
*Prerequisite: current enrollment in Pre-Calculus or Calculus and completion of Chemistry 1/Chemistry 1 Honors.*  
*Recommendations: students selecting Chemistry 2 AP are encouraged to have earned an A in Chemistry 1 or earned an A or B in Chemistry 1 Honors. Students are also encouraged to have earned a B or better in Geometry and Algebra 2.*  
This course is rigorous, challenging and is designed to prepare students to take and pass the AP Chemistry exam. The class is equivalent to a college or university chemistry class and it meets college entrance requirements for a laboratory science. This course will prepare students to know and understand the California State Content Standards in Chemistry.

(0400) ★+ENVIRONMENTAL SCIENCE AP (Physical Science) Grades 10-12 Year  
*Recommendation: students selecting this course are encouraged to have earned grades of B or higher in either 1) Biology and Chemistry or 2) PSE, Biology 1, and Chemistry.*  
The Advanced Placement Environmental Science Course is designed to be the equivalent of a one semester, introductory college course in Environmental Science. This interdisciplinary laboratory science course embraces the departments of geology, biology, environmental studies, chemistry and geography providing students the tools to examine, analyze, evaluate and possibly resolve natural and manmade environmental problems. This course is extremely rigorous and challenging and requires students to take the AP Environmental Science exam.

(0431) +MARINE SCIENCE A/B (Biological Science) Grades 11-12 Year  
*Recommendation: students selecting Marine Science are encouraged to have earned course grades of "C" or better in either 1) Biology and Chemistry/Physics or 2), Biology and PSE.*  
Marine Science is the science that deals with the dynamic processes of the oceans and seas. First semester coursework in this class includes physical and chemical analysis of ocean water, examination of the ocean floor and coastal features, investigation and measurement of currents, waves, and tides, and analysis of the interaction of atmosphere and sea. Second semester coursework includes investigations of marine life and various ocean and coastal habitats. All students participate fully in this activity-based program. Oceanography/Marine Biology.

(0433) +PHYSICS (Physical Science) Grades 10-12 Year

*Prerequisite: completion of Chemistry and Algebra 2 with a grade of C or better.*

*Recommendation: concurrent enrollment in Pre-Calculus.*

This course is a study of matter and energy. Force and motion, structure of matter, heat, sound, light, electricity, and atomic and electronic nuclear physics are considered. A strong math background and a high comfort level in problem solving are required. This course will prepare students to know and understand the California State Content Standards in Physics.

(0441) ★+PHYSICS AP (Physical Science) Grades 10-12 Year

*Prerequisite: concurrent enrollment in Calculus.*

*Recommendations: students selecting Physics AP are encouraged to have earned a B or higher in Pre Calculus as well as an A in Biology and Chemistry.*

AP Physics is a calculus-based physics course principally taught to students who plan to major in physics, astronomy, medicine, mathematics, or any type of engineering. This course provides an excellent first-year college-level physics education and is extremely rigorous and challenging. Upon completion, students will be required to take the AP Physics B Exam. The course that covers a very wide range of topics, including mechanics, force, motion, fluids, thermodynamics, waves and optics, electromagnetism, and atomic and nuclear physics. The course will focus on mechanics in the first semester and electricity and magnetism in the second semester. Enrollees need to be highly motivated and dedicated to working independently. Problem solving is a critical part of this course.

## SOCIAL SCIENCE DEPARTMENT

High school students should know and understand the cultural heritage of the past and its influence on the present in order to assume their roles as participating citizens in their democratic society. Completion of a full year each of World History and U.S. History and a semester of both Economics and Government are required for graduation. All of the Social Science classes below adhere to state standards and/or AP guidelines as appropriate to the specific class being taught.

### AP CLASSES

- Each AP class will hold an informational meeting in the spring for prospective students. Students and parents must sign a contract agreeing to commit to the workload and extra effort required of the course.

(0511)	+ECONOMICS	Grade 12	Semester
(0621)	+ECONOMICS, Sheltered	Grade 12	Semester

This survey class will look at the major forces that shape the American Economic system. A comprehensive look at micro and macroeconomics will aid the students in acquiring a knowledge of the structure and functions of the institutions and concepts underlying the American economic system. The position and influence of the United States in world economy are studied.

(0521)	+UNITED STATES GOVERNMENT	Grade 12	Semester
(0612)	+UNITED STATES GOVERNMENT, Sheltered	Grade 12	Semester

This course offers a study of basic principles, functions, organization, and purposes of government in the United States. Emphasis is on the federal system and national government, the legislative process, the executive function, the role of the judiciary, and the responsibilities and rights of the citizenry in a free society.

(0525)	★+AP GOVERNMENT AND POLITICS	Grade 12	Courses taken
(0527)	★+AP MACROECONOMICS	Grade 12	simultaneously

AP Government and Politics offers a college level in-depth study of basic philosophies, principles, functions, organization, and purposes of government in the United States. Emphasis is on the federal system and national government, the legislative process, executive power, and the role of the judiciary. Additional areas include the political process, civil rights and civil liberties, and the role and responsibilities of the citizen in a free society. Formal research, seminar discussions, and independent study are principal elements of instruction. This course is designed for mature, responsible students who have demonstrated special interests and talents for political and governmental studies. AP Macroeconomics offers a college level in-depth study of macro and international economics. Emphasis is on the realm of macroeconomics, economic growth, theory and policy, aggregate demand, supply and demand equilibrium, money and banking, fiscal policy, inflation, growth and international economic policies. These courses are taught simultaneously with the semester grade given at the end of the second semester. These courses prepare students for Advanced Placement Exams. The Advanced Placement exam is expected to be taken.

(0506)	+UNITED STATES HISTORY A/B	Grade 11	Year
(0605)	+UNITED STATES HISTORY A/B, Sheltered	Grade 11	Year

This two semester course begins with a major review of past learning including the American Revolution, the Constitution, the Civil War, and Reconstruction. The major thrust of the course, however, begins with the Progressive era at the turn of the twentieth century. It will focus on the changing role of the United States in the global community, on the impact the twentieth century had upon American institutions and attitudes as well as the impact of the United State's growth as a super power in the world. The study of the twentieth century includes an integration of history and geography, literature, and cultural diversity.

(0492) ★+AP UNITED STATES HISTORY Grade 11 Year  
This course is a two-semester, college level, in-depth study of American History designed to prepare students for the Advanced Placement examination. The study of political institutions, public policies, social and economic changes, diplomacy and international relations and cultural and intellectual developments primarily from 1790 to the present will be included. These courses prepare students for Advanced Placement Exams. The Advanced Placement exam is expected to be taken.

(0477) +WORLD HISTORY A/B Grade 10 Year  
(0618) +WORLD HISTORY A/B, Sheltered Grade 10 Year

In this course, students examine major turning points in the shaping of the modern world, from the late eighteenth century to the present. The year begins with a focus on study skills, and methodology used at the high school level. It continues with a connecting phase to the rise of democratic ideals and reviews past learning (ancient civilization, Middle Ages, etc.) The major thrust of the course, however, is world history, culture and geography from 1789 to the present (with emphasis on the 20th century). Close attention will be paid to the expansion of the west and the growing interdependence of people and cultures throughout the world.

(0504) ★+WORLD HISTORY AP Grade 10 Year  
The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Periodization, explicitly discussed, forms an organizing principle for dealing with change and continuity throughout the course. Specific themes provide further organization to the course, along with the consistent attention to contacts among societies that form the core of world history as a field of study. This course is designed to prepare students for the AP examination in World History. The Advanced Placement exam is expected to be taken.

### SOCIAL SCIENCE ELECTIVE

(0530) +PSYCHOLOGY A/B Grades 10-12 Year  
This course is designed to give students an introduction to the general field of psychology. Students will be exposed to both traditional psychology and the field of parapsychology. Among the topics, which may be covered, are perception, personality, motivation, emotions, learning, growth and development, ESP, dreams, sleep, and history of psychology. Psychology B provides opportunities for students to do specific, in-depth studies in the field of psychology. This course will focus on self-concept and self-image. Students will do extensive work on assertion training and the concept of *Freedom*.

(0534) ★+PSYCHOLOGY AP Grades 11-12 Year  
A rigorous year-long course in Psychology designed for qualified students who wish to complete studies in high school equivalent to an introductory college course in psychology. Course content includes units on history and approaches, research methods, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotions, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders, and social psychology. The course is designed to prepare students for the AP Examination in Psychology. It will require outside research and extensive reading. The Advanced Placement exam is expected to be taken.

## VISUAL AND PERFORMING ARTS

UC Visual Performing Arts requirement: Students must satisfy the VPA requirement by completing a single course in a yearlong sequence in a single discipline of the arts.

### VISUAL ART

This program makes possible experiences in a variety of media and exposes students to the possibilities of applying their creative skills within the realm of vocational as well as recreational endeavors. Student projects will depend upon the equipment and materials that are available. Materials for Art Department classes are paid for in accordance with district policy.

(0007) +ART 1 Grades 9-12 Year

This class is designed as an entry-level high school art class. Students will be challenged with both two and three-dimensional projects using materials and concepts that will further their understanding of the visual arts. Projects will help the student in developing an awareness of how these concepts apply to past, present and future cultures. Realistic and abstract drawing styles, painting, sculpture, printmaking, weaving, paper maché and architecture are some of the areas investigated. Completion of this one-year course will meet the district VPA graduation requirement.

(0008) +ART 2 Grades 10-12 Year

Prerequisite: full year of Art 1 with a grade of "A" or teacher recommendation. Emphasis is placed upon composition and the process involved in developing the ability to create. Original works of art are pursued in various media. Students become aware of schools of art and investigate current developments and opportunities in art. Students will be expected to enter local art competitions and exhibitions.

(0009) +ART 3 Grades 11-12 Year

Prerequisite: full year of Art 2 with a grade of "B" or better in Art 2 and teacher recommendation. Students will have the opportunity to develop a portfolio of works that they have created. Diversity of subject matter and media will be encouraged. Students will consider post high school options for application of their art interests, both academically and vocationally. Students will be expected to enter local art competitions and exhibitions.

(0010) +ART 4 Grade 12 Year

Prerequisite: full year of Art 3 with a grade of "B" or better in Art 3 and teacher recommendation. Students will continue to improve their portfolio of work and explore the creative process in more depth. Students will be expected to enter local art competitions and exhibitions.

(0012) +BEGINNING CERAMICS A/B Grades 11 -12 Year

This course develops creativity through the medium of clay. Students learn terminology and techniques for hand building, the potter's wheel, and glazing. First semester students will learn the basics of pinch, coil, slab, casting and wheel throw construction. Second semester students will further develop all these techniques with an emphasis on form and sculpture. Each semester will investigate ceramic's relevance through history, science, culture, and contemporary applications.

(003) +ADVANCED CERAMICS Grade 12 Year

Prerequisite: one year of Ceramics A/B with a grade of "A", or instructor recommendation. This class will give the self-motivated student an opportunity to expand their knowledge and ability. Students will experiment with more complex combinations and forms. They will further explore glaze composition, applications, and firing techniques, gaining insight into the wide range of the material's possibilities. This class will challenge the student's creative potential as well as provide a supportive environment for scholarships and regional to state recognition.

(0041) +FINE ARTS SEMINAR A/B Grades 9-12 Year  
Recommended for college-interested students. Fine Arts Seminar A/B is a two-semester course designed to provide an integrated overview of visual art, music, theater, film and dance. The student will acquire an understanding of the arts from many cultures and the effect of the arts on societies both past and present.

(0033) +PHOTOGRAPHY 1 A/B Grades 11-12  
Introduction to basic concepts and techniques in photography. Students learn the working of the camera, how to take pictures creatively, develop film, print proofs and enlargements, mount photographs, etc. Students receive both class and darkroom instruction. Assignments may include action, depth of field, still life, portraiture, night shots, etc. Students investigate vocational possibilities in the field of photography. Students must furnish a 35mm camera for their use.

(0035) +PHOTOGRAPHY 2 A/B Grades 12 Year  
Prerequisite: one year of Photography 1 with grade of "B" or better in and teacher recommendation. Must have a working 35 mm camera with the capability to change the shutter speed and aperture for more creative flexibility in taking pictures. Students will have the opportunity to expand their knowledge and ability in the developing and printing process of the darkroom. Students will be required to enter local and community photo competitions. Students must furnish a 35mm camera for their own use.

## MUSIC

Participation in band, choir, or ensembles provides students with an opportunity to become involved with school and community activities and to learn qualities of leadership, responsibility and citizenship. This program provides an enrichment and appreciation that develops the whole student and lasts throughout their lives.

(0347) +WIND ENSEMBLE Grades 9-12 Year  
This class is for all woodwind players including flute, clarinet, bass clarinet, all saxophones, oboe and bassoon. Students enrolled in Wind Ensemble MUST also enroll in Band PE. Students are required to participate in concert band and are eligible to participate in marching band, jazz band, and drumline. (See BAND AT TORRANCE HIGH below.)

(0346) +JAZZ BAND Grades 9-12 Spring  
This class is for all brass and percussion players including trumpet, trombone, French horn, baritone, euphonium, tuba, drums, xylophone, marimba, bells, timpani or any other percussion instrument. Students enrolled in Jazz Band MUST also enroll in Band PE. Students are required to participate in concert band and are eligible to participate in marching band, jazz band, and drumline. (See BAND AT TORRANCE HIGH below.)

(0376) MARCHING BAND/P.E. Grades 9-12 Year  
All band students are required to enroll in PE BAND. (There is no requirement to participate in Marching Band.) All band students are required to participate in concert band and are eligible to participate in marching band, jazz band, drumline, and/or colorguard. (See BAND AT TORRANCE HIGH below.)

## **BAND AT TORRANCE HIGH**

The band program at Torrance High offers four musical performing groups options which include:

**CONCERT BAND** is the primary performance group. This group is similar to an orchestra but with no string instruments (violin, viola, cello, bass). **All band students (except piano and guitar students) are required to participate in Concert Band, which performs two to three concerts per year and at competitive festivals in the spring.** Note – Guitar and piano players must participate in jazz band instead of concert band.

Other performance group options include:

**Jazz Band** – A 1950's style jazz group, which plays a wide range of music including swing standards and current popular music. This group competes regularly in the spring and performs at a wide variety of school and community functions. Membership in jazz band is by audition only and is available to all brass, saxophone, piano, guitar, bass, and percussion players.

**Marching Band** – This group performs half-time shows at all football games and provides pep music at rallies and home basketball games. In addition, this group competes in the fall throughout California and travels every other year to various cities throughout the country. This group is open to all interested students – no experience is necessary.

**Drumline** – This group performs as part of the Marching Band in the fall season and with the Pep Band at rallies and basketball games. In addition, the Drumline competes extensively in the spring at tournaments throughout Southern California. Membership in the drumline is open to all percussionists (drummers) – no experience necessary.

In addition to these four musical groups, the band program also includes **Colorguard**. This is a non-musical performance group that focuses on dance and tall flags. They perform with the Marching Band in the fall and at rallies and also compete extensively in the spring throughout Southern California.

Each group rehearses approximately twice a week depending on the season. Schedules will be provided to all participating students. Rehearsals generally last 2-1/2 to 3 hours and are primarily after school or in the evenings. In addition to these rehearsals, all band students are expected to participate in several band functions including concerts, tournaments, and fundraisers that take place on weekends.

(0333) +ADVANCED BAND - **PIANO** Grades 9-12 Year

This yearlong course is designed to teach students to play beginning level piano. No prior musical experience is necessary. Students should have a strong desire to practice piano on a daily basis. Students will learn the physical “hands on” playing of the instrument as well as basic music theory (scales, chords, rhythm, etc.), appropriate songs, and music history. Students will work daily in our piano lab with piano/keyboards and computers. This class fulfills the “Fine Arts” graduation requirement for California State University and University of California schools.

(0339) +CHORAL WORKSHOP (Troubadours) Grades 9-12 Year

Admission by instructor approval and audition only. This class provides advanced students with more difficult vocal technologies, close harmonies, and advanced music literature in various styles. This is a performing troupe for festivals, competitions and other activities, which requires special costuming and travel to other communities. Students must maintain eligibility. This class fulfills the “Fine Arts” graduation requirement for California State University and University of California schools.

(0338) +CHOIR A/B Grades 9-12 Year  
Open to all students interested in singing. Class stresses voice development and proper vocal conditioning, learning to sing in harmony and reading music. Students are introduced to a variety of music. This is a performing troupe for concerts and other activities, which may require special costuming and travel to other communities. Students must maintain eligibility. This class fulfills the "Fine Arts" graduation requirement for California State University and University of California schools.

(0340) +GLEE ENSEMBLE AB: JAZZ CHOIR Grades 9-12 Year  
This vocal group and instrumental "combo" (piano, bass, drums, guitar, sax) focus on singing traditional and contemporary vocal jazz music of many styles. No experience necessary but students must audition and have instructor approval to enroll. Jazz Choir performs at multiple concerts, festivals, competitions and other activities, which require special costuming and travel to other communities. Students must maintain eligibility. This class fulfills the "Fine Arts" graduation requirement for California State University and University of California schools.

(0351) +MUSIC THEORY A/B / (0352) ★+MUSIC THEORY AP Grades 9-12 Year  
This course provides an overview of the study of music theory. It is designed as two separate modules, with each one covering complimentary material. Although it is recommended that the modules be taken in the A/B sequence, students may enter the class second semester only with teacher approval. The course content will be presented in the following sequence:  
Music Theory A: properties of sound, notation, scales, modes, intervals, tonality, key, melody, melodic organization four-part voice leading, harmonic progressions, and style periods and analysis.  
Music Theory B: the dominant seventh chord, modulation, nondominant seventh chords, secondary dominants and leading tone chords, formal analysis of two-part and three-part forms, American popular music, blues and jazz.

The student will acquire an understanding of the aspects of music theory and analysis and the historical development of form and style. Additional Advanced Placement credit may be earned with a commitment to prepare for and take the Music Theory AP Test. (U.C. "f" requirement)

## THEATER ARTS

(0112) +THEATER ARTS 1 Grade 9-12 Year  
Beginning drama focuses on building the students' self-concept. It is an overview of theatre covering the basic techniques necessary for dramatic activities. In-class activities include mastering interpretation, analyzing play structure, rehearsal, memorized performances, theatre games and exercises, and improvisation. Students are required to attend and evaluate the THS play production each semester. Students interested in taking only one semester of theatre must enroll in the fall semester.

(0113) +THEATER ARTS 2 Grades 10-12 Year  
Prerequisite: a grade of 'B' or better in both semesters of Theater Arts 1 and teacher recommendation. This course focuses on directing. Students will learn techniques of production, directing and designing. Directors will work with Theater Arts 3 & 4 actors as a means of practicing their learned skills in directing. The remainder of the year will be devoted to our Annual Night of Broadway (students must be willing to sing and dance even if it is not their forte), Drama Camp (our community service project), and the student produced Festival of One-Acts. Students are required to attend and evaluate the THS play production each semester. Students may not take Theater Arts 2B without completing Theater Arts 2A. Students who earn a letter grade lower than a 'C' and/or accumulate more than 10 absences in Theatre Arts 2A may not go on to Theatre Arts 2B.

(0114) +THEATER ARTS 3

Grades 11-12

Year

Prerequisite: a grade of 'B' or better in both semesters of Theatre Arts 1 and 2 and teacher recommendation. This course enables the student to apply the fundamentals of acting and to learn new techniques in developing an effective performance. There is a stronger focus on character development and performance technique. Students will write their own one-acts to be performed by their peers. The remainder of the year will be devoted to our Annual Night of Broadway (students must be willing to sing and dance even if it is not their forte), Drama Camp (our community service project), and the student produced Festival of One –Acts. Students are required to attend and evaluate the THS play production each semester. Students may not take Theatre Arts 3B without completing Theatre Arts 3A. Students who earn a letter grade lower than a 'C' and/or accumulate more than 10 absences in Theatre Arts 3A may not go on to Theatre 3B.

(0115) +THEATER ARTS 4

Grade 12

Year

Prerequisite: a grade of 'B' or better in both semesters of Theatre Arts 1, 2 and 3 and teacher recommendation. Students will work closely with the Theater teacher, helping with the productions of the fall and spring plays. Students will learn about theater management, publicity and producing. Further acting and directing will be accomplished in this class as well. Theater Arts 4 students are expected to direct a one-act for our festival. The remainder of the year will be devoted to our Annual Night of Broadway (students must be willing to sing and dance even if it is not their forte), Drama Camp (our community service project), and the student produced Festival of One-Acts. Students are required to attend and evaluate the THS play production each semester. Students may not take Theater Arts 4B without completing Theater Arts 4A. Students who earn a letter grade lower than a 'C' and/or accumulate more than 10 absences in Theatre 4A may not go on to Theater Arts 4B.

## ADDITIONAL OFFERINGS

(0459) ACADEMIC DECATHLON Grades 9-12 Semester  
(By selection) The Academic Decathlon class prepares potential competitors for the yearly statewide competition. By studying and researching 10 different subject areas in depth, students develop their research, writing, speaking, and studying skills. The summer class is highly recommended for those who wish to be considered for the fall competition. Opportunities exist for all GPA's.

(0452) OFFICE AIDE A Grades 10-12 Quarter  
(0450) LIBRARY PRACTICE Grades 10-12 Quarter  
(0448) CLASS AIDE Grades 10-12 Quarter

Requires teacher/office recommendation. This program enables students to act as Class Aide to departments or teachers. Students will assist teachers by running errands and performing appropriate classroom tasks. Students may not receive more than ten (10) credits of aide course work towards graduation. Students may not enroll in more than one aide course in a given semester. Students must have a minimum 2.0 GPA.

(0449) LEADERSHIP A/B Grades 9-12 Semester  
(By election) Leadership A is for elected student council members. Student government, parliamentary procedure, and the organization and running of the co-curricular program are key elements of Leadership A. Students will have the opportunity to develop speaking and writing skills, organizational skills, and to gain confidence and poise. Service to the community, school, and peers is stressed.

## OTHER ELECTIVE COURSES

(0627)(0628) SCROC

Students and parents should be aware of changes in the SCROC program and how credits are issued. Classes are offered in a variety of time blocks beginning with 12:45-3:45 and there are several programs offered after 3:00 pm. Credits for each class are published in the semester schedules. Students may earn between 5-10 credits for a semester long class. If credits are a concern, please pay close attention to the number of credits awarded to successful completion of the class you chose. A parent and counselor's signatures are required for registration. Registration for SCROC classes ends after the first few days of the new semester. In many cases, classes fill early depending on demand. Early registration is recommended.

# Torrance High School

## Honors/AP Program Information

GATE/Honors/AP Robert Patterson x8077

### District Philosophy

The Torrance Unified School District is committed to the principle that all students deserve an opportunity to participate in rigorous and academically challenging courses. All students who are willing to accept the challenge of a rigorous academic curriculum and meet course prerequisites...shall have equal access to Advanced Placement and Honors courses.

### Necessary Guidance to Help Student Make Appropriate Course Choices

It will be important to help students make appropriate course choices without placing restrictions on what courses they are permitted to take. To that end, we have designed a guidance and course selection process from February through June intended to help students and parents determine if enrollment in an Honors or Advanced Placement course is appropriate. The emphasis will be placed on making sure students and parents are aware of the goals of Honors and Advanced Placement courses, the workload in these classes, and the expected performance level for students in these courses. Students and parents will be able to weigh the input of the teachers and counselors with the rigors of the courses and determine if they wish to accept the challenges of Honors or Advanced Placement courses.

### Student Commitment to Honors Program

In addition, students will be asked to commit to at least a full year of enrollment in these courses. Students in these courses will be evaluated at the semester. It is our belief that in choosing to enroll in advanced courses that students must also commit to the higher expectations in these courses. Students with failing grades may be removed from the course without honors or Advanced Placement credit.

### What is the difference between AP and Honors?

Both levels are rigorous courses of study. However, AP courses are designed and updated annually to reflect what's being taught in cutting-edge college courses. Students receive an external evaluation by means of the AP exam. College faculty from around the world will score the exam and verify that the student has mastered college-level studies.

Torrance High School offers the following Honors and Advanced Placement courses:

#### Honors

Geometry Honors  
Algebra 2 Honors  
Pre Calculus Honors  
Anatomy and Physiology Honors  
Biology 1 Honors  
Chemistry 1 Honors  
English 1 Honors  
English 2 Honors  
English 3 Honors  
Spanish 2 Honors  
Spanish 3 Honors  
Korean 4 Honors by Demonstration  
Korean 5 Honors by Demonstration

#### Advanced Placement

English Literature AP  
Statistics AP  
Calculus AP AB/BC  
Biology AP  
Chemistry AP  
Environmental Science AP  
Physics AP  
Government AP  
Macroeconomics AP  
US History AP  
World History AP  
Psychology AP  
Music Theory AP  
Spanish Language AP

## Honors Program

Each course of study in the Torrance High School Honors Program is designed to meet standards of scholarship and academic achievement that are at a substantially higher level than a student is expected to attain in a regular course of study. Each course of study in the Honors Program must meet the following criteria:

- Prepare students for Advanced Placement.
- Have established prerequisites that include designated levels of appropriate performance.
- Have distinctive features in terms of extended contents and additional workload that set it apart from regular high school courses in the same subject.

### Advanced Placement Courses

1. AP courses give students a head start on college.
2. College credit can allow you to move into upper-level college courses sooner.
3. Stand out in the admissions process
4. Earn academic scholarships and awards
5. Experience a college-level test
6. AP classes qualify for the honors grade point which is recognized by University of California
7. AP classes demand a high standard of teaching.
8. Students who take AP courses and exams are much more likely than their peers to complete a bachelor's degree in four years or less.

### CONSIDERATIONS FOR AP COURSES

- All AP courses require serious academic commitment.
- These are college level courses and students will be expected to meet the expectations of the teacher.
- AP student will pay for each exam they take. (Current cost - \$85.00)
- The AP Tests are approximately 3 hours long and are administered over a two-week time period during mid-May.
- Students are expected to take the exam(s) for each corresponding enrolled course.

### Are You Ready For Honors?

Each year Torrance Unified School District offers students the opportunity to take classes at the local high school as a way to advance in various subject areas. Although these classes are quite demanding, most students who attend these classes are successful. This questionnaire is designed to help students and their parents decide whether these classes are appropriate to take. Please answer the questions honestly and discuss the results with your parents. The more informed your decision is, the more successful you will be.

- Are you INTERESTED in this subject?
- Do you ALWAYS complete all your homework and turn it in ON TIME?
- Do you have GOOD STUDY HABITS—find time each day to study even if you don't necessarily have homework?
- Are you MOTIVATED by a challenge and have the PERSEVERANCE to complete a task even if it is very difficult?
- Do you take RESPONSIBILITY for your work—go above and beyond what's expected, participate in class, very attentive in class?
- When problems arise, do you SEEK HELP from others?
- Are you SUCCESSFUL in all of your classes, even those that seem less interesting?

Look carefully at the key words here and rate yourself. If you can honestly answer yes to each question then you are probably well suited to enter this program. If you answered “**maybe**” or “**no**” to some of the questions, you may wish to wait a year and work on those habits to improve them and then apply for these classes at a later time during your high school career. Remember that each student has individual strengths and weaknesses. Several of these reasons are not based on student interest or ability and may reflect that you are not quite ready for these courses. Please don't rank yourself against others. You are the person who will attend the class. You must complete the assignments and you alone will take the tests.

## SEQUENCING OF COURSES

The following courses offered in the five subject areas are listed in sequential order and show how a student would progress through Torrance High School's four-year Honors/AP program:

### MATH:

Geometry Honors (8-10)  
Algebra 2 Honors (9-11)  
Pre Calculus Honors (10-12)  
Calculus AP – AB/BC (11-12)  
Statistics AP (11-12)

### SCIENCE:

Biology 1 Honors (8, 9, 10)  
Chemistry 1 Honors (9-11)  
Chemistry AP (10-12)  
Anatomy & Physiology Honors (10-12)  
Biology AP (10-12)  
Environmental Science AP (10-12)  
Physics AP (10-12)

### SOCIAL SCIENCE:

World History AP (10)  
US History AP (11)  
Government/Macroeconomics AP (12)

### ENGLISH:

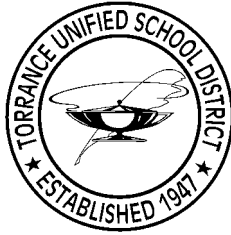
English 1 Honors (9)  
English 2 Honors (10)  
English 3 Honors (11)  
English Lit AP (12)

### FOREIGN LANGUAGE:

Japanese 5 (varies)  
Korean 4/5 Honors by Demonstration (varies)  
Spanish 2 Honors (9-11)  
Spanish 3 Honors (10-12)  
Spanish Language AP (11-12)

### ARTS:

Music Theory (grade level varies)



**HONORS/ADVANCED PLACEMENT COURSE COMMITMENT FORM**

**Student Name** \_\_\_\_\_ **Grade** \_\_\_\_\_

**Student I. D. Number** \_\_\_\_\_ **School** TORRANCE HIGH

Honors Course(s) Selected

Advanced Placement Course(s) Selected

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- I am aware that the Honors and Advanced Placement (AP) courses are rigorous and demanding. I believe that I have the necessary academic background, commitment and motivation to succeed.
- I understand that Advanced Placement (AP) courses are equivalent to freshman-level courses at an American university and at the conclusion of an Advanced Placement course I will have the opportunity to take the corresponding Advanced Placement exam.
- I am prepared to make a commitment to stay in the class for one year and I am aware that my grade will be part of my permanent high school record.
- I recognize that success in these courses require that I may need to sacrifice school-sponsored and community activities, especially those that require me to miss school or require evening hours.
- I am aware that summer homework is required in Honors/Advanced Placement courses and becomes part of my fall semester grade.
- I have discussed my decision for Honors/Advanced Placement classes with my teacher, counselor and parents.

**Student Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

**Parent/Guardian Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

## **MISSION STATEMENT**

**The community of Torrance High School is committed to providing a quality educational experience with challenging academics for all students. We are dedicated to creating and maintaining for all students, staff and parents an environment that:**

- ❖ Fosters democratic ideals and good citizenship**
- ❖ Nurtures mutual respect and individual differences**
- ❖ Provides for diversity of learning styles, talents and levels of developments**
- ❖ Develops life long learners and productive members of society**
- ❖ Promotes responsible risk taking and personal growth**
- ❖ Encourages critical thinking and problem solving**
- ❖ Recognizes personal responsibility for the well being of the environment and global society.**