

# **PACIFIC GROVE HIGH SCHOOL**



## **COURSE BULLETIN**

**2018-2019**

To view a copy of the Course Bulletin online:  
[pghigh.pgusd.org/counseling](http://pghigh.pgusd.org/counseling)

# COURSE BULLETIN

## Table of Contents

	<u>Page</u>
<b>Graduation Requirements</b> .....	1
<b>College Admission Requirements</b> .....	1
University of California System.....	1
Private College.....	1
California State College System.....	1
Community College.....	2
<b>Departmental Offerings</b>	
<b>English</b> .....	3
<b>Foreign Languages</b>	
Spanish.....	8
French.....	9
<b>Social Science</b> .....	11
<b>Science</b> .....	14
<b>Mathematics</b> .....	17
<b>Fine Arts Division</b>	
Music.....	21
Theatre.....	22
Art.....	22
Photography.....	24
<b>Physical Education</b> .....	26
<b>Additional Course Offerings</b> .....	28
<b>Career Technical Information</b> .....	31
Design and Media Arts Industry.....	32
Computer Information and Communications Pathway.....	35
Computer Software & Systems Development Pathway.....	37
Health Service & Medical Technology Industry.....	38
Hospitality, Tourism & Recreation Industry.....	39
Extra-Curricular.....	40
<b>PGHS UC A-G Approved Courses</b> .....	41

## HIGH SCHOOL GRADUATION REQUIREMENTS

1. To **earn a diploma** from Pacific Grove High School, a student **must earn a minimum of 230 units of credit** and complete 48 hours of **Community Service**.
2. **160 credits** must be **in the required subjects** listed below:
  - A. 40 credits (4 years) of **English**
  - B. 40 credits (4 years) of **Social Science**:
    - 10 credits **Geography**
    - 10 credits **World History**
    - 10 credits **U.S. History**
    - 10 credits **Government & Economics**
  - C. 20 credits (2 years) of **Science**: One year of life science and one year of physical science.
  - D. 20 credits (2 years) of **Mathematics**: Must include Integrated Math II or equivalent.
  - E. 20 credits (2 years) of required **Physical Education**: 1 year will include health.
  - F. 10 credits (1 year) of **Fine Arts or Foreign Language**
  - G. 10 credits (1 year) of **Career Technical Education OR (1 year) Additional UC A-G approved course**
  - H. Completion of 70 credits of electives
  - I. **Extracurricular activities** – (optional) Students may receive a maximum of 10 credits for participating in the following PGHS extracurricular activities; sports, spirit squad, chorus, mock trial, play production, musical and ASB/Class officer, or TA.

**The required subjects listed above are for high school graduation. College entrance requirements are often different and additional.**

If you have any questions about college admissions or high school graduation requirements, please contact your student's counselor. Guidance Office (831) 646-6590, Ext. 277.

### Class Standing

Completion of **50 credits** is required for **sophomore standing**.

Completion of **110 credits** is required for **junior standing**.

Completion of **170 credits** is required for **senior standing**.

## COLLEGE ADMISSIONS

### 1. UNIVERSITY OF CALIFORNIA

University of California Entrance Requirements  
[www.admission.universityofcalifornia.edu](http://www.admission.universityofcalifornia.edu)

- A. Complete a minimum of 15 college-preparatory courses ("a-g" courses), with at least 11 finished prior to your senior year.
  - a. 1 year each of U.S. History and World History
  - b. 4 years English
  - c. 3 years of mathematics: Algebra 1, Algebra 2 and Geometry or Integrated Math I, II and III
  - d. 2 years of laboratory science : 1 year life science and 1 year physical science
  - e. 2 years foreign language (3 years recommended)
  - f. 1 year visual/performing arts
  - g. 1 college preparatory elective: 1 course to be chosen from history, advanced mathematics, laboratory science, foreign languages and fine arts.

### 2. PRIVATE (INDEPENDENT COLLEGES)

Although there are differences among the private colleges and universities in entrance requirements, generally they expect students to satisfy the same subject pattern as the U.C. system. Students should check with their particular college choices for specific requirements.

### 3. CALIFORNIA STATE UNIVERSITIES

California State University System  
Entrance Requirements  
[www.csumentor.edu](http://www.csumentor.edu)

Admission to the state universities is dependent upon three factors:

1. High school grade point average in grades 10 and 11 in required courses listed below.
2. Scores on the American College Test (ACT) or Scholastic Aptitude Test (SAT)

3. Fifteen courses will be taken during grades 9 - 12.  
**Students must earn a grade of “C” or higher in these courses.**

The specific a-g course requirements are:

- a. 1 year each of U.S. History and World History
- b. 4 years English
- c. 3 years of mathematics: Algebra 1, Algebra 2 and Geometry or Integrated Math I, II and III
- d. 2 years of laboratory science: 1 year life science and 1 year physical science
- e. 2 years foreign language (3 years recommended)
- f. 1 year visual/performing arts
- g. 1 year college preparatory elective: 1 course to be chosen from history, advanced mathematics, laboratory science, foreign languages and fine arts.

Test scores are required unless you have a grade point average above 3.0 *and* are a resident of California. The CSU uses a calculation called an [eligibility index](#) that combines your high school grade point average with the score you earn on either the SAT or ACT tests. Even if you have a GPA above 3.0, it is useful to take either an SAT or ACT as the score may indicate if you do not need to take English and math placement tests after you are admitted and before you enroll at the CSU.

***While SAT/ACT test scores are not required to establish the admission eligibility of California residents with high school grade point averages of 3.00 or above impacted campuses and impacted first-time freshmen enrollment categories often include test scores among the supplemental criteria required of all applicants to those campuses and enrollment categories.***

Students earning a grade point average below 2.00 are not eligible for admission.

State universities currently require applicants to file their application during the months of October and November. Applications after the closing period are considered only on a space available basis.

### **CALIFORNIA STATE COLLEGE AND UNIVERSITY SYSTEM**

Bakersfield	Pomona
Channel Islands	Northridge
Chico	Sacramento
Dominguez Hills	San Bernadino
Fresno	San Diego
Fullerton	San Francisco
East Bay	San Jose
Humboldt	San Luis Obispo
Long Beach	San Marcos
Los Angeles	Sonoma
Maritime Academy	Stanislaus
Monterey Bay	

### 4. **COMMUNITY COLLEGE REQUIREMENTS**

[www.cccco.edu](http://www.cccco.edu)

The following persons are eligible for admission:

1. High School graduates
2. Persons having attained their 18<sup>th</sup> birthday
3. Transfer students from other colleges upon presentation of satisfactory credentials

Counselors will assist qualified students in enrolling concurrently at Monterey Peninsula College in special academic and vocational programs, which are available to a limited number of students.

Monterey Peninsula College offers three kinds of programs of study:

1. Occupational Programs
2. Two-year Transfer Programs
3. Associate Degree Programs

# ENGLISH

The following sequence of courses will be the English Department's offering for 2018-2019.

All students will be placed in appropriate English classes according to their level of reading and writing skills.

Grade 9	English 1	Honors English 1
Grade 10	English 2	Honors English 2
Grade 11	English 3	Honors English 3
Grade 11/12	AP Language	AP Literature
Grade 12	English 4 Literature of War	English 4 Poetry & Creative Writing
Grade 12	English 4 Dystopia	English 4 Sports Literature
Grade 12	English 4 Language, Literature & Law	English 4 Science Fiction
Grade 12	English 4 Literature & Dynamics of Social Justice	English 4 Expository Reading & Writing Course

**COURSE**                    **ENGLISH 1**

**GRADE LEVEL**        9

**LENGTH**                1 year

**CREDIT**                5 credits per semester

**DESCRIPTION**        English 1 introduces students to the elements and forms of literature. This course stresses the development of reading and critical thinking skills necessary to gain appreciation of the various genres of literature. Major writing emphasis will include effective descriptive and expository paragraphs and essays, vocabulary development and a review of grammar and mechanical skills. *UC/CSU approved.*

**COURSE**                    **HONORS ENGLISH 1**

**PREREQUISITE**        "A" or "B" in previous English class, advanced reading and writing skills, grades and test scores. Entrance exam and/or teacher recommendation will be required.

**GRADE LEVEL**        9

**LENGTH**                1 year

**CREDIT**                5 credits per semester

**DESCRIPTION**        Honors English is designed for the advanced English student who wishes to refine his or her skills in preparation for more advanced classes such as Advanced Placement. This course will survey the four genres of literature (novel, play, poem and short story), review grammar and mechanical skills, and concentrate on the mastery of the critical essay. *UC/CSU approved.*

**COURSE**                    **ENGLISH 2**

**GRADE LEVEL**        10

**LENGTH**                1 year

**CREDIT**                5 credits per semester

**DESCRIPTION**        English 2 introduces various literary genres and concentrates on improving student's writing skills. Major literary emphasis will be on the elements of short story, essay, biography, poetry, drama and the novel. Students will give special attention to the development of advanced reading and thinking skills necessary to gain better comprehension and appreciation of literary works. Writing emphasis will include expository and descriptive paragraphs, and analytical, persuasive and narrative essays. *UC/CSU approved.*

**COURSE** **HONORS ENGLISH 2**  
**PREREQUISITE** Grade of “A” or “B” in Honors English 1 or grade of “A” in regular English or teacher recommendation.  
**GRADE LEVEL** 10  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** Honors English is designed for advanced college bound students. This course surveys drama, novels, short stories, and poetry in depth. This course stresses the development of critical writing and thinking skills. Work on special group projects and expository writing will enable students to analyze the way in which the works studied relate to themes and issues of the historical periods covered in class. *UC/CSU approved.*

**COURSE** **ENGLISH 3**  
**GRADE LEVEL** 11  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** English 3 is a college prep course which surveys works of American literature. In addition, this course emphasizes the expression of individual opinion and of logical argument through expository writing. This course fosters individual growth in literacy. The students create projects that develop diverse reading, writing and speaking skills. *UC/CSU approved.*

**COURSE** **HONORS ENGLISH 3**  
**GRADE LEVEL** 11  
**LENGTH** 1 year  
**PREREQUISITE** Grade of “A” or “B” in Honors English 2 or grade of “A” in regular English or teacher recommendation.  
**CREDIT** 5 credits per semester  
**DESCRIPTION** Honors English is designed for advanced college bound students and will survey drama, novels, short stories, and poetry in depth. This course stresses the development of critical reading, writing, and thinking skills. Work on special projects and expository writing will enable students to analyze the way in which the works studied relate to themes and issues in American literature.

**COURSE** **AP ENGLISH LANGUAGE**  
**PREREQUISITE** Grade of “A” or “B” in Honors English 2 or AP Literature or grade of “A” in regular English or teacher recommendation.  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** The AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Students may elect to take the national Advanced Placement exam in May with a chance of earning freshman English college credit. *UC/CSU approved.*

**COURSE** **AP ENGLISH LITERATURE**

**PREREQUISITE** Grade of “A” or “B” in Honors English 2 or AP Language or grade of “A” in regular English or teacher recommendation.

**GRADE LEVEL** 11, 12

**LENGTH** 1 year

**CREDIT** 5 credits per semester

**DESCRIPTION** Advanced Placement English Literature is a one-year course offered to 11<sup>th</sup> or 12<sup>th</sup> grade students who show unusual skill in literature and composition. This course surveys drama, novels and poetry in depth, concentrating on the mastery of the critical essay as used in college writing. Students may elect to take the national Advanced Placement exam in May with a chance of earning freshman English college credit. *UC/CSU approved.*

**COURSE** **ENGLISH 4 EXPOSITORY READING AND WRITING**

**GRADE LEVEL** 12

**LENGTH** 1 year

**CREDIT** 5 credits per semester

**DESCRIPTION** Expository Reading and Writing is a rigorous, rhetorically based, full-year college preparatory English course for high school seniors intending to enroll in a CSU. ERWC is designed to support college-readiness in English. The course’s 12 modules, which include a wide variety of nonfiction texts and some literature, emphasize the in-depth study of expository, analytical, and argumentative reading and writing. Students will analyze the interplay of rhetorical devices, vocabulary, and grammar in rich, college-level texts, and then use these same elements in their own expository and persuasive writing. Seniors who pass this class with a C or better can become exempt from taking remedial English and the CSU placement exam (EPT). *UC/CSU approved.*

**COURSE** **ENGLISH 4 DYSTOPIA**

**GRADE LEVEL** 12

**LENGTH** 1 Semester

**CREDIT** 5 credits

**DESCRIPTION** This class will examine different visions of the potential future through comparing the same themes; free will, government control, and technology. The course will focus on critical thinking, expository writing, and argument. Students will develop reading, writing, speaking, and listening skills as they interpret major works of speculative and dystopian literature. *UC/CSU approved.*

**COURSE** **ENGLISH 4 LANGUAGE, LITERATURE, AND THE LAW**

**Grade Level:** 12

**LENGTH** 1 Semester

**CREDIT** 5 credits per semester

**DESCRIPTION** This course exposes students to literature and rhetoric that involve the theme of law and politics. Course readings will center on the legal tradition in the United States—how that tradition embeds itself into important works of literature and permeates the political process. The course will challenge students to analyze literature and to think critically about matters of rhetoric. It will also give them an opportunity practice writing arguments and giving speeches in mock courtroom settings. *UC/CSU approved.*

**COURSE** **ENGLISH 4 LITERATURE AND THE DYNAMICS OF SOCIAL JUSTICE**  
**GRADE LEVEL** 12  
**LENGTH** 1 Semester  
**CREDIT** 5 credits  
**DESCRIPTION** English 4 Literature and the Dynamics of Social Justice is a college prep course, which focuses on the study of literature, history, art, and film to examine issues of identity, membership in society, and the practice of promoting equal rights and fair treatment of all members of society. The course includes extensive reading of a variety of literary genres, in-depth discussion, and substantial practice in writing to encourage a critical examination of human behavior and choice. *UC/CSU approved.*

**COURSE** **ENGLISH 4 LITERATURE OF WAR**  
**GRADE LEVEL** 12  
**LENGTH** 1 Semester  
**CREDIT** 5 credits  
**DESCRIPTION:** Writing in the wake of the Civil War, poet Walt Whitman insisted that "the real war will never get in the books." Throughout history, the experience of war has fundamentally shaped the ways that societies think about themselves, their fellow citizens, and the world around them. War has also posed challenges of representation, both for those who fought as well as those who did not. This subject examines how the stories of war in poetry, literature, and popular culture have been told. Works will be pulled from various cultures to explore some of the ways that literature has dealt with the subject of war. *UC/CSU approved.*

**COURSE** **ENGLISH 4 POETRY AND CREATIVE WRITING**  
**GRADE LEVEL** 12  
**LENGTH** 1 Semester  
**CREDIT** 5 credits  
**DESCRIPTION** This class is designed to cultivate in students an aesthetic appreciation for the beauty of language. Students will examine various poetic techniques and poetic forms while learning to read poetry with a critical eye. The course will also offer students a guided tour through several works of fiction, whereby students will learn to identify elements of fiction within works studied and later learn to use these elements in their own creations. Students **MUST** be willing to share the pieces they write, and must be open to constructive criticism. *UC/CSU approved.*

**COURSE** **ENGLISH 4 SCIENCE FICTION**  
**GRADE LEVEL** 12  
**LENGTH** 1 Semester  
**CREDIT** 5 credits  
**DESCRIPTION** This semester-long course will explore the development of science fiction from Mary Shelley to the present day. Literature will focus on the problems and potential created by rapid advancement and technology. Students will develop their skills in critical reading, writing, and analysis. *UC/CSU approved.*



**COURSE** **ENGLISH 4 SPORTS LITERATURE**

**GRADE LEVEL** 12

**LENGTH** 1 Semester

**CREDIT** 5 credits

**DESCRIPTION** The sports literature class primarily focuses on examining universal sports themes – gender equality, racism, perseverance and integrity. Literature includes core nonfiction works, poetry, essays, articles and novels that all have sports related themes. This class encourages students to seek connections between the literature they read and their own lives and the world around them. *UC/CSU approved.*

**COURSE** **ENGLISH 4 PROJECT BASED RESEARCH**

**GRADE LEVEL** 12

**LENGTH** 1 Semester

**CREDIT** 5 credits

**DESCRIPTION** English 3/4 Project Based Research is a college prep course, that focuses on research, writing, and oral presentation skills. Along with systematic vocabulary and grammar development, the central focus of the class is the Senior Project, which comprises four main components: 1) a research paper (8-12 pages), 2) a physical project, 3) a portfolio, and 4) an oral presentation. *UC/CSU approved.*

**COURSE** **FUNDAMENTALS OF ENGLISH**

**PREREQUISITE** Enrollment by Placement Only

**GRADE LEVEL** 9

**LENGTH** 1 year

**CREDIT** 5 credits per semester

**DESCRIPTION:** This course is designed to help those students who are struggling with reading comprehension of grade-level texts and/or writing in response to grade-level texts. The course will address the fundamentals of English as a discipline, which will include: the explicit teaching of various reading strategies for both comprehension and analysis; an overview of the writing process with multiple opportunities for revision and editing; direct instruction writing organization for different writing types; the language/vocabulary of English; and fundamentals in grammar and sentence diagramming.

# FOREIGN LANGUAGES

## SPANISH

**COURSE** **SPANISH 1**  
**PREREQUISITE** None  
**GRADE LEVEL** 9, 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** This introductory course uses communicative-based instruction to develop all four basic language skills: listening, speaking, reading and writing. Basic grammatical structures are presented along with vocabulary related to daily life and cultural topics. A variety of authentic language and cultural sources are integrated such as music, food, movies and magazines. *UC/CSU approved.*

**COURSE** **SPANISH 2**  
**PREREQUISITE** Spanish 1 - Grade of "C" or better or teacher recommendation  
**GRADE LEVEL** 9, 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** This is an intermediate course which provides continued development and practice of the basic language skills: listening, speaking, reading and writing. More advanced grammatical structures are introduced and more emphasis is placed on extended conversation. Includes vocabulary related to daily life and cultural topics with varied units of study and conversational activities. *UC/CSU approved.*

**COURSE** **SPANISH 3**  
**PREREQUISITE** Spanish 2 - Grade of "B" (80%) or better or teacher recommendation  
**GRADE LEVEL** 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** Emphasis is on the further development of listening, speaking and writing skills. More advanced vocabulary and grammar study is coupled with more extended speaking in a variety of contexts such as oral reports and group discussion. More academic vocabulary is presented related to relevant topics such as personal relationships, hobbies and sports, and health along with more complex cultural topics such as an in-depth exploration of a Spanish-speaking country. *UC/CSU approved.*

**COURSE** **SPANISH 4**  
**PREREQUISITE** Spanish 3 - Grade of "B" (80%) or better or teacher recommendation  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** This is an advanced course which focuses on developing language skills in academic settings. Relevant topics are explored including personal relationships, technology and the environment. Reading selections come from authentic sources such as Spanish literature and newspaper articles. More advanced writing and speaking situations are required. More academic vocabulary is presented along with more complex cultural topics. A variety of authentic language and cultural sources are integrated such as songs, movies, newspapers, websites, and news reports. *UC/CSU approved.*

**COURSE** **AP SPANISH**  
**PREREQUISITE** Spanish 3 - Grade of "A" (90%) or teacher recommendation  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** This is a college-level course which focuses on advanced work in listening, speaking, reading and writing. Emphasis is placed on speaking and writing in academic settings. Includes expository writing, oral presentations, and reading selections from Spanish literature and newspaper articles. Students prepare to take the AP Spanish Language exam in May. **Any summer homework given will be due at the first class meeting in August.** *UC/CSU approved.*

FRENCH
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**COURSE** **FRENCH 1**  
**PREREQUISITE** None  
**GRADE LEVEL** 9, 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** An introductory course designed to give students a strong background in conversational French. The focus is communicative-based instruction encouraging active participation by students. Speaking and understanding spoken French are emphasized. Students will learn about current and traditional French music. Field trips and cooking French food make this a "fun" academic class. *UC/CSU approved.*

**COURSE** **FRENCH 2**  
**PREREQUISITE** French 1 - Grade of "C" or better or teacher recommendation  
**GRADE LEVEL** 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** Further develops students' speaking skills with emphasis on cuisine. Students create their own skits and plays. Reading and writing include longer, more interesting stories than in French 1. Students use authentic situations to demonstrate their knowledge of French; example: students demonstrate and explain in French how to prepare their favorite French dessert! Field trips and French music add to the fun. *UC/CSU approved.*

**COURSE** **FRENCH 3**  
**PREREQUISITE** French 2 - Grade of "B" or teacher recommendation  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** Students perfect their skills in the various tenses with more focus on French film analysis, reading and writing, while continuing to maintain their speaking skills. The focus is on mastering the grammar and learning more about the history and culture of the French-speaking world. Field trips and French music are included. **Summer Homework will be due at the first class meeting in August.** *UC/CSU approved.*

**COURSE** **FRENCH 4**  
**PREREQUISITE** A grade of “B” or better in French 3 or teacher recommendation  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** French 4 is a course designed for motivated students who can work independently and efficiently. Advanced grammar topics will be covered, incorporating high-interest topics such as making travel and hotel arrangements for a trip to a French-speaking country, communicating medical emergencies, and managing more advanced conversations in French. Extensive reading and writing will be required. Students will read various genres of literature by famous francophone authors such as Paul Eluard, Guy de Maupassant, Andre Theuriet and many others. The cultural emphasis will be on countries other than France where French is spoken. **Summer Homework will be due at the first class meeting in August.** *UC/CSU approved.*

**COURSE** **AP FRENCH LANGUAGE AND CULTURE**  
**PREREQUISITE** A grade of “A” in French 3 or teacher recommendation  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** AP French is a college level course designed for motivated students who desire to become proficient communicators of French and prepare for the AP French Language and Culture Exam. Advanced grammar topics will be covered, incorporating high-interest historical topics. Extensive reading and writing will be required. Students will read various genres of literature by famous francophone authors such as Giraudoux Rostand, Voltaire, and Duras. The cultural emphasis will be on various countries where French is spoken. **Summer Homework will be due at the first class meeting in August.** Students must receive a D+ or better to continue to second semester. *UC/CSU approved.*

## SOCIAL SCIENCE

The following sequence of courses will be the Social Science Department's offering for 2018-2019:

Grade 9	World Geography	AP Human Geography
Grade 10	World History	AP World History
Grade 11	U.S. History	AP. U.S. History
Grade 12	Government/Economics	AP Government/Economics

**COURSE**                      **WORLD GEOGRAPHY**

**PREREQUISITE**            Required

**GRADE LEVEL**            9

**LENGTH**                    1 year

**CREDIT**                    5 credits per semester

**DESCRIPTION**            This course will develop the basic themes of physical, cultural and political geography with an emphasis on domestic and international current events. World geographic and historical issues, world cultures, and place identification will also be emphasized. This course will incorporate PGHS's *Academic Academy* designed to ease the transition from middle school to the rigors of high school with personal growth skills, note taking skills, writing skills, academic integrity, and universal skills deemed necessary for success in high school and beyond. *UC/CSU approved.*

**COURSE**                      **AP HUMAN GEOGRAPHY**

**PREREQUISITE:**            An A in 8th grade history or teacher recommendation.

**GRADE LEVEL:**            9, this course is also open to 10<sup>th</sup> – 12<sup>th</sup> grade students in need of fulfilling a geography graduation requirement.

**LENGTH:**                    1 year

**CREDIT:**                    5 credits per semester

**DESCRIPTION:**            This course is a college-level freshman class where students are introduced to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. The content of an AP Human Geography course helps students develop critical thinking skills through the understanding, application and analysis of the fundamental concepts of geography. Students will meet the five college-level goals as determined by the National Geographic Standards using college level materials. This rigorous course requires a high level of reading, writing, and analysis skills. *UC/CSU approved.*

**COURSE**                      **WORLD HISTORY**

**PREREQUISITE**            Required

**GRADE LEVEL**            10

**LENGTH**                    1 year

**CREDIT**                    5 credits per semester

**DESCRIPTION**            This survey course meets the 10<sup>th</sup> Grade World History requirement. It will include a selective study of the major political and social developments, and of individuals who played significant roles, in the time period from the mid-1700s up to the present. Units of study include a brief review covering 6<sup>th</sup> and 7<sup>th</sup> Grade World History, the Enlightenment, the Age of Revolutions, the Industrial Revolution, Nationalism & Imperialism, the First World War and Russian Revolution, Totalitarianism & World War II, and the Postwar World. Critical thinking, writing, and project organization are stressed. *UC/CSU approved.*

**COURSE** **AP WORLD HISTORY**

**PREREQUISITE** A or B in AP Human Geography AND Honors English 1 OR an A in Geography AND English 1 or teacher/counselor recommendation. Passing score on entrance exam will be required. See Mr. Grate (O-2) for entry exam information.

**GRADE LEVEL** 10

**LENGTH** 1 year

**CREDIT** 5 credits per semester

**DESCRIPTION** Advanced Placement World History is a college-level course covering the entirety of World History from 10,000 BCE to the present. AP World History is fast-paced and challenging, and requires a high level of reading and writing skill. Students in AP World History should expect heavy reading assignments, and should be prepared to develop and demonstrate in writing analytical skills such as comparison and contrast, change over time, and understanding of primary source documents. Students will prepare for the AP World History examination, administered nationally in May. High scores on this exam may result in college credit, and may allow the student to fulfill the World History requirement at participating institutions. To facilitate the complete coverage of the course content, summer homework will be given. This will be due at the first class meeting in August. *UC/CSU approved.*

**COURSE** **UNITED STATES HISTORY**

**PREREQUISITE** Required

**GRADE LEVEL** 11

**LENGTH** 1 year

**CREDIT** 5 credits per semester

**DESCRIPTION** In this course students examine major turning points in American history in the twentieth century. The year begins with a selective review of United States history, with an emphasis on two major themes – the nation’s beginnings, linked to the Enlightenment and the rise of democratic ideas; and the industrial transformation of the new nations, linked to the global spread of industrialism during the nineteenth century. After these review units, we will begin our study of the twentieth century with an analysis of the Progressive Era and World War I. Critical responses to the Jazz Age and the Great Depression will also be emphasized during the first semester. In the second semester we will cover the following: World War II, The Cold War, The Civil Rights Movement in the Postwar Era, Vietnam/Late 1960’s and the United States in Recent Times. *UC/CSU approved.*

**COURSE** **AP U. S. HISTORY**

**PREREQUISITE** “A” in World History or “A” or “B” in AP World History or teacher recommendation.

**GRADE LEVEL** 11

**LENGTH** 1 year

**CREDIT** 5 credits per semester

**DESCRIPTION** The Advanced Placement U.S. History course is designed to provide students with the analytical skills and factual knowledge necessary to address critically the themes, issues, events, and materials of American history. Students will learn to evaluate historical materials in order to weigh evidence presented in historical scholarship. Students will be required to analyze and interpret primary sources, including documentary materials, maps, statistical tables, and pictorial and graphic evidence of historical events. The scope of the course is “the age of discovery” to the present. The A.P. U.S. History curriculum is intended to prepare the student for the Advanced Placement Test administered nationally in May. High scores may result in college credit at participating institutions. The course simultaneously satisfies the U.S. History requirement for high school graduation. **Summer Homework will be due at the first class meeting in August.** *UC/CSU approved.*

COURSE **ECONOMICS**

PREREQUISITE Required

GRADE LEVEL 12

LENGTH 1 semester

CREDIT 5 credits

DESCRIPTION Economics, a semester-length course, is **required** for graduation. The goal of this course is to increase understanding of the American economic system, including the nature of supply and demand, market structures, fiscal policy, monetary policy, comparative economic systems and world trade. Emphasis is also placed on such personal finance skills as maintaining good credit, checking accounts, budgeting and other adult consumer needs. *UC/CSU approved.*

COURSE **AMERICAN GOVERNMENT**

PREREQUISITE Required

GRADE LEVEL 12

LENGTH 1 semester

CREDIT 5 credits

DESCRIPTION Government, a semester-length course, is **required** for graduation. This course is about the American system of government, including functions of government, governmental programs, roles of the citizen, civil rights and liberties, public opinion, comparative political systems and current events. A required project **MUST** be completed by due date to pass this course. *UC/CSU approved.*

COURSE **AP AMERICAN GOVERNMENT AND ECONOMICS**

PREREQUISITE "A" in US History or "A" or "B" in AP US History or teacher recommendation.

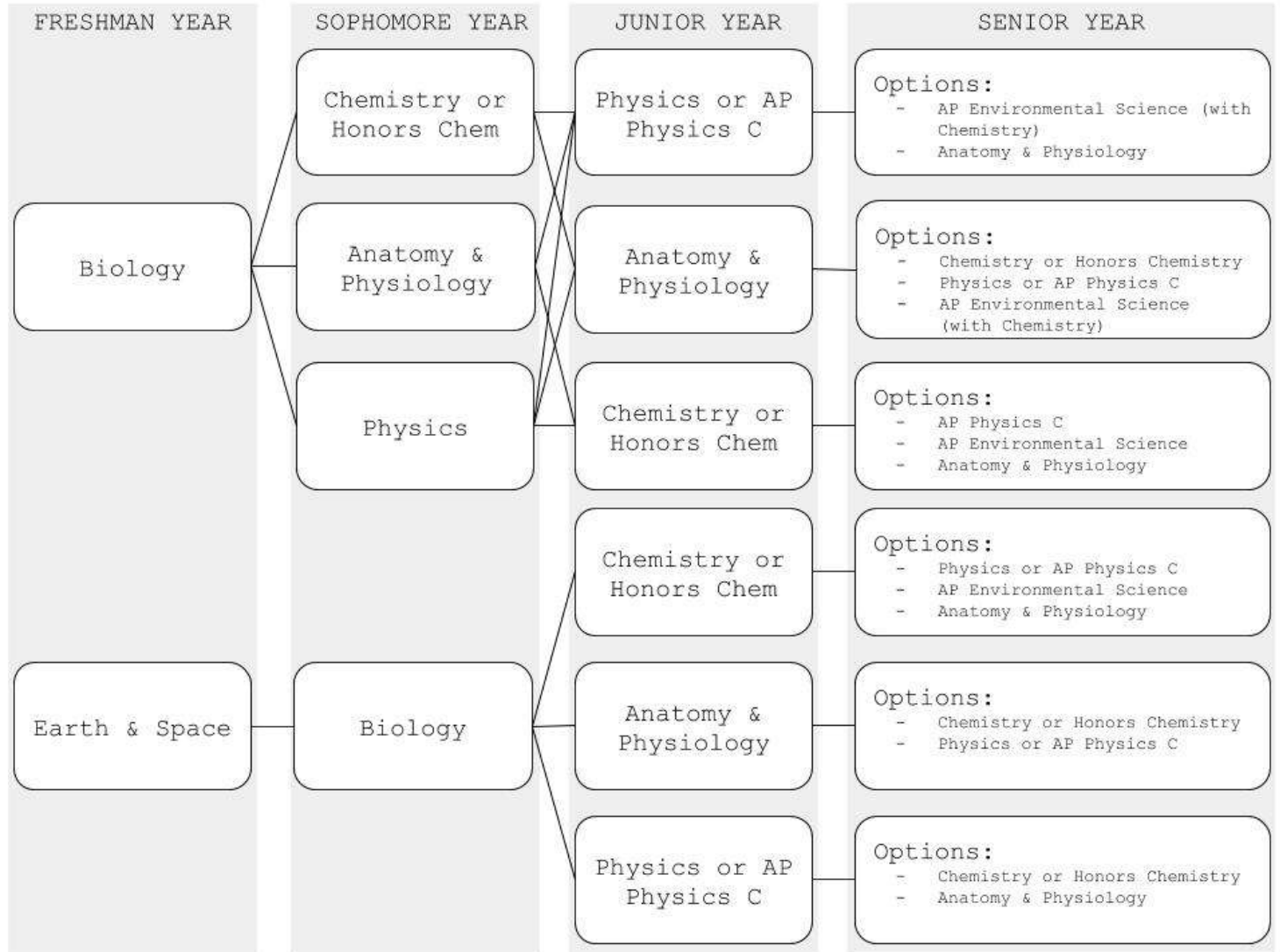
GRADE LEVEL 12

LENGTH 1 year

CREDIT 5 credits per semester

DESCRIPTION The goal of this course is to increase understanding of the American political system, its framework, traditions and values, and have each student pass the Advanced Placement American Government exam. This course is concerned with the nature of the American political system, its development over the past two hundred plus years, and how it works today. We will examine in detail the principle processes and institutions through which the political system functions, as well as some of the public policies which these institutions establish and how these policies are implemented. **Summer homework is required.** The **second semester of Economics is not an A.P. program,** however the A.P. Government/Economics class is a full year commitment. *UC/CSU approved.*

SCIENCE COURSE OFFERINGS & PATHWAYS



**SCIENCE**

The following science classes are all designed to meet the U.C. and C.S.U. laboratory science entrance requirements, except as noted below.

COURSE	<b><u>ANATOMY/PHYSIOLOGY</u></b>
PREREQUISITE	Biology
GRADE LEVEL	10, 11, 12
LENGTH	1 year
CREDIT	5 credits per semester
DESCRIPTION	Anatomy and Physiology is the study of the structures and functions of the human body. Labs include dissection of fetal pigs, simple experiments, demonstrations and model building. <i>UC/CSU approved.</i>



**COURSE** **EARTH & SPACE SYSTEMS**  
**PREREQUISITE** None  
**GRADE LEVEL** 9, 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** Earth and Space Systems is a laboratory oriented class which is a blend of several different sciences; Geology, Meteorology and Astronomy. We will be looking more closely at topics such as plate tectonics, astronomy, weather and climate. Earth & Space will be offered every other year—2018, 2020. **This course meets the CSU physical science entrance requirement. It does not meet the UC physical lab science entrance requirement. The UC system recognizes this course as a college prep elective.**

**COURSE** **BIOLOGY**  
**PREREQUISITE** None  
**GRADE LEVEL** 9, 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** Biology is the study of living things. The course follows an ecological approach. It is designed to build from concrete to abstract concepts such as cell theory, photosynthesis, genetics, to ecology and environmental issues. *UC/CSU approved.*

**COURSE** **CHEMISTRY**  
**PREREQUISITE** Completion of or concurrent enrollment in Integrated Math III  
**GRADE LEVEL** 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** The Chemistry course is designed to explore the chemistry of real-world problems through research, experimentation and discourse. The first semester develops the general principles involved in solutions and chemical reactions through the lenses of water and metals. The second semester focuses on energy in chemical reactions, the nature of gases and atomic theory in conjunction with fossil fuels, air pollution and nuclear power, respectively. *UC/CSU approved.*

**COURSE** **HONORS CHEMISTRY 1**  
**PREREQUISITE** Completion of or concurrent enrollment in Integrated Math III.  
**GRADE LEVEL** 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** The honors chemistry course is designed to provide the advanced science student with an opportunity to learn chemistry at a higher level than the Chemistry course. This course is recommended for students wishing to take AP Environmental Science, and continue their science education into college. The honors chemistry course moves at a faster pace, providing a more in depth coverage of the topics. The course offers opportunity for enrichment through the use of advanced math concepts and laboratory work. Students taking honors chemistry will be prepared to take the SAT II in chemistry. *UC/CSU approved.*

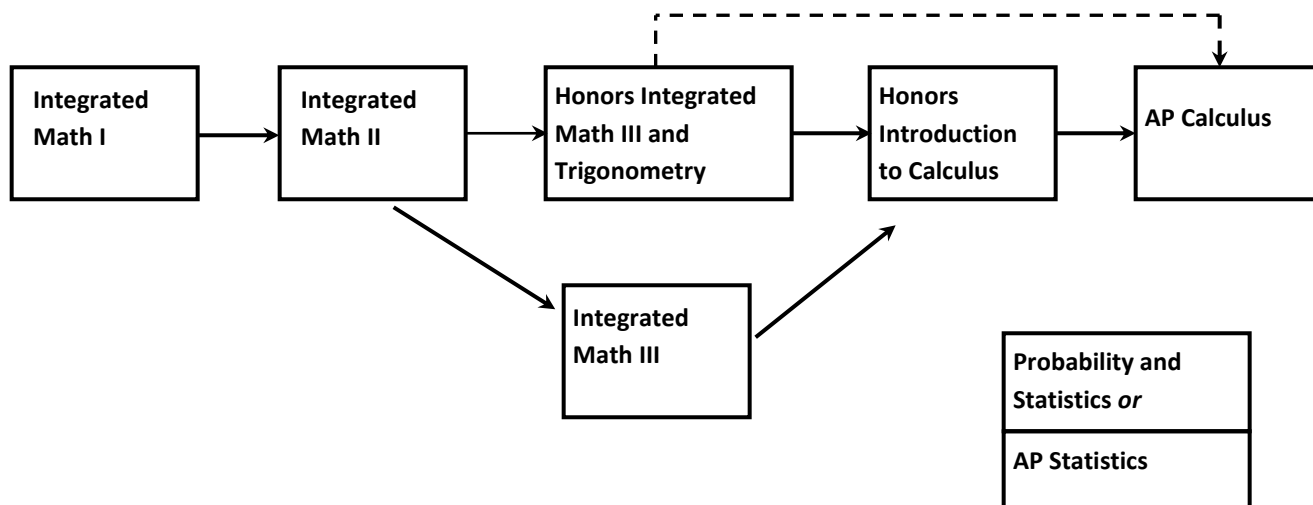
**COURSE** **PHYSICS 1**  
**PREREQUISITE** Completion of Integrated Math 1 with a “C” or better or teacher recommendation.  
**GRADE LEVEL** 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** The first semester of Physics is a study of motion and its mathematical description, energy and work. The second semester is a study light, waves, electricity and magnetism. *UC/CSU approved.*

**COURSE** **AP PHYSICS C:MECHANICS**  
**PREREQUISITE** Completion of or concurrent enrollment in Calculus AB or teacher recommendation. Completion of regular physics is recommended.  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** This course prepares students to take the Advanced Placement Physics C test in mechanics and is the equivalent of a typical first semester college course in physics. Mechanics is the branch of physics that is concerned with quantifying the motion of bodies. Topics include kinematics, Newton’s law of motion, work/energy/power, conservation laws (energy/momentum), circular motion and rotation, oscillations, and gravitation. The lab component of the class builds on experiments done in regular physics with emphasis placed on using computers to model and simulate physical systems. Students will use electronic sensors and data analysis programs to explore relationships among physical quantities. The topic of mechanics will be covered in much greater depth and with a higher level of mathematical sophistication than in the regular physics course. Prospective students should be comfortable with using mathematics to solve problems. *UC/CSU approved.*

**COURSE** **AP ENVIRONMENTAL SCIENCE**  
**PREREQUISITE** Completion of Integrated Math II (Integrated Math III recommended.)  
 Completion of Biology with a “B” or better.  
 Completion of Physics or AP Physics with a “C” or better.  
 Completion of Chemistry (Honors Chemistry recommended) or teacher recommendation  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** This course is designed to be a rigorous science course that is the equivalent of a one-semester, introductory college course in environmental science. Topics will draw together geology, biology, chemistry, and marine science subject matter. Long-term field study projects will be set up at the beginning of each school year. Students will be expected to take an active role in designing and setting up these projects, as well as maintaining a field laboratory notebook throughout the year. Emphasis is on data collection and analysis of data sets, understanding the inter-relationships in the natural world, identifying and analyzing environmental problems both natural and human-made, evaluating risks associated with these problems and possible solutions. Students taking the course should have solid math skills because of the analytical nature of the work, and a solid background of both physical and life science. Junior or senior class standing mandatory. *UC/CSU approved.*

# MATHEMATICS

## PGHS Math Progression Flow Chart



*Note 1: Students may take Probability and Statistics or AP Statistics any time after completing Integrated Math III*

*Note 2: Students may advance from Honors Integrated Math III to AP Calculus only with a satisfactory score on a placement exam and with teacher recommendation.*

Online courses in place of PGHS mathematics courses at any level are generally discouraged. However, a student may, under special circumstances, earn up to a maximum of 10 credits for mathematics courses outside of the high school with faculty and counselor approval. Because PGHS math courses are integrated, Monterey Peninsula College (MPC) and online courses of traditional Algebra 1 and Geometry are not recognized as equivalent courses of Integrated Math I and Integrated Math II, respectively. Students should contact their counselors for specific guidance on the different courses that can be taken online or at MPC. *Note that students taking any course outside of PGHS to accelerate will be required to pass a placement exam before being enrolled in the next course.*

<b>COURSE</b>	<b><u>FUNDAMENTALS OF MATHEMATICS</u></b>
<b>PREREQUISITE</b>	Enrollment by Placement Only
<b>GRADE LEVEL</b>	9
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>DESCRIPTION</b>	This course will address the fundamentals of mathematics which will include arithmetic, operations with integers and fractions, order of operations, problem solving strategies, reasoning, the language/vocabulary of mathematics, and fundamentals in mathematical modeling.

<b>COURSE</b>	<b><u>INTEGRATED MATH I</u></b>
<b>PREREQUISITE</b>	Common Core Math 8
<b>GRADE LEVEL</b>	9, 10, 11
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>DESCRIPTION</b>	<i>UC/CSU approved.</i> Addressing both the Mathematical Practices ( <a href="http://www.corestandards.org/Math/Practice">http://www.corestandards.org/Math/Practice</a> ) and Content Standards associated with the High School Common Core, Integrated Math I focuses on exploring, discussing, and understanding the concepts of: <ol style="list-style-type: none"> <li>1. Systems of equations and inequalities</li> <li>2. Arithmetic and Geometric Sequences</li> <li>3. Linear and Exponential Functions</li> <li>4. Features of Functions</li> <li>5. Congruency, Constructions, and Proofs</li> <li>6. Connecting Algebra and Geometry</li> <li>7. Modeling Data</li> </ol>

<b>COURSE</b>	<b><u>INTEGRATED MATH II</u></b>
<b>PREREQUISITE</b>	Passing Integrated Math 1 with a “D” or higher or teacher recommendation.
<b>GRADE LEVEL</b>	9, 10, 11, 12
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>DESCRIPTION</b>	<i>UC/CSU approved.</i> Addressing both the Mathematical Practices ( <a href="http://www.corestandards.org/Math/Practice">http://www.corestandards.org/Math/Practice</a> ) and Content Standards associated with the High School Common Core, Integrated Math II focuses on exploring, discussing, and understanding the concepts of: <ol style="list-style-type: none"> <li>1. Quadratics Functions</li> <li>2. Structures of Expressions</li> <li>3. Quadratic Equations</li> <li>4. More Functions</li> <li>5. Geometric Figures</li> <li>6. Similarity and Right Triangle Trigonometry</li> <li>7. Circles from a Geometric Perspective</li> <li>8. Circles and Other Conics</li> <li>9. Probability</li> </ol>

**COURSE** **INTEGRATED MATH III**  
**PREREQUISITE** Passing Integrated Math II with a “C” or higher or teacher recommendation.  
**GRADE LEVEL** 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** *UC/CSU approved.* Addressing both the Mathematical Practices (<http://www.corestandards.org/Math/Practice>) and Content Standards associated with the High School Common Core, Integrated Math II focuses on exploring, discussing, and understanding the concepts of:

1. Functions and their Inverses
2. Logarithmic Functions
3. Polynomial Functions
4. Rational Expressions and Functions
5. Modeling with Geometry
6. Trigonometric Functions
7. Modeling with Functions
8. Statistics

**COURSE** **HONORS INTEGRATED MATH III/TRIGONOMETRY**  
**PREREQUISITE** Passing Integrated Math II with an “A” or teacher recommendation.  
**GRADE LEVEL** 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** *UC/CSU approved.* Addressing both the Mathematical Practices and Content Standards associated with the High School Common Core, Honors Integrated Math III focuses on exploring, discussing, and understanding the concepts of:

1. Geometric Modeling
2. Linear and Quadratic Functions
3. Polynomial Functions
4. Rational Exponents and Radical Functions
5. Exponential and Logarithmic Functions
6. Rational Functions
7. Sequences and Series
8. Trigonometric Ratios and Functions
9. Trigonometric Identities and Formulas
10. Data Analysis and Statistics
11. Probability

**COURSE** **HONORS INTRODUCTION TO CALCULUS**  
**PREREQUISITE** Successful completion of Integrated Math III or Integrated Math III Honors with a grade of “C” or better or teacher recommendation. Scientific calculator required. Graphing calculator recommended.  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 units per semester  
**DESCRIPTION** This course covers advanced topics in functions, trigonometry, vectors, conic sections, sequences and series, polar coordinate systems, parametric equations, derivatives, limits, continuity, and an introduction of integration. *UC/CSU approved.*

**COURSE** **AP CALCULUS AB**  
**PREREQUISITE** Completion of Honors Introduction to Calculus with a grade of “C” or better or teacher recommendation. Students who pass a Calculus Readiness placement exam may, with teacher recommendation, enroll in AP Calculus AB after completing Integrated Math III Honors. An A.P. approved graphing calculator is required for this course (a TI 83 Plus or TI 84 is suggested).  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** This course is a college level introductory calculus course designed to enable the student to pass the Advanced Placement exam in mathematics (Calculus AB exam) in order to receive college credit. AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. Juniors enrolling in this course are expected to enroll in Calculus BC their senior year. *UC/CSU approved.*

**COURSE** **AP CALCULUS BC**  
**PREREQUISITE** Completion of Calculus AB with a grade of “C” or better or teacher recommendation. An AP approved graphing calculator is required for this course (a TI 83 Plus or TI 84 is suggested)  
**GRADE LEVEL** 12  
**LENGTH** One semester (second semester only)  
**CREDIT** 5 credits  
**DESCRIPTION** This course extends the content learned in Calculus AB to different types of equations (polar, parametric, vector-valued) and new topics (such as Euler's method, integration by parts, partial fraction decomposition, and improper integrals), and introduces the topic of sequences and series. Together with AP Calculus AB, this course is the equivalent of two semesters of college calculus. This course will be offered second semester to prepare students for the AP Calculus BC exam and ensure students are prepared for the next level of college math.

**COURSE** **PROBABILITY AND STATISTICS**  
**PREREQUISITE** Completion of Integrated Math III with a grade of “C” or higher or teacher recommendation.  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** Probability and Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course exposes students to four broad conceptual themes: (1) graphing and analyzing data, (2) designing a survey or experimental study, (3) finding probabilities through mathematics as well as through simulations, and (4) making appropriate inferences from data. *UC/CSU approved.*

**COURSE** **AP STATISTICS**  
**PREREQUISITE** Completion of Integrated Math III with a grade of “B” or higher, or teacher recommendation.  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** AP Statistics is the equivalent of a one semester, college-level introductory statistics class. The purpose of the class is to introduce students to the basic ideas and skills for collecting, analyzing and drawing conclusions from data. Students should leave the course not only able to interpret and analyze the many statistics they will encounter on a daily basis, but also evaluate the integrity of their use. The course exposes students to four broad conceptual themes: (1) exploring data –observing patterns and departures from patterns, (2) planning a study – deciding what and how to measure, (3) anticipating patterns – producing probability and simulation, and (4) statistical inference – confirming models. Students are expected to take the AP Statistics exam at the end of the year. *UC/CSU approved.*

## FINE ARTS DIVISION

### MUSIC

#### **CHAMBER ORCHESTRA**

**COURSE** CHAMBER ORCHESTRA  
**PREREQUISITE** Participation in MS advanced or HS orchestra during the past 12 months or consent of the instructor  
**GRADE LEVEL** 9, 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** Students will explore music and music-making through study, rehearsal and performance of a diverse repertoire of musical styles. Students will be provided access to enrichment activities through several school and community sources. *UC/CSU approved performing art course.*

#### **CONCERT BAND/ MARCHING BAND**

**COURSE** CONCERT BAND/ MARCHING BAND  
**PREREQUISITE** Participation in MS advanced or HS band during the past 12 months or consent of the instructor  
**GRADE** 9, 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** Students will explore music and music-making through study, rehearsal and performance of a diverse repertoire of musical styles. The band will provide entertainment and spirit at concerts, parades, football games, and school rallies. Students will be provided access to enrichment activities through several school and community sources. *UC/CSU approved performing art course.*

#### **PGHS CHOIR**

**COURSE** PGHS CHOIR  
**PREREQUISITE** None  
**GRADE LEVEL** 9, 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 2.5 credits per semester  
**DESCRIPTION** This is an introductory course in vocal music. This course is an extracurricular activity and meets on Saturdays (see page 37). Students will learn the basics of good vocal sound breath support and articulation. Students will express themselves in both group and solo settings. Special attention is also given to music theory, music history, and sight singing. The student will gain greater proficiency in blend, balance, intonation, interpretation, and diction. The student will perform and stylistically analyzes music from all periods of vocal literature. **NOTE: THIS COURSE IS AN EXTRA-CURRICULAR ELECTIVE ONLY AND DOES NOT MEET THE A-G COURSE REQUIREMENT FOR A FINE ART.**

#### **GUITAR**

**COURSE** GUITAR  
**PREREQUISITE** None  
**GRADE LEVEL** 9, 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** This course is offered for students with little or no experience in guitar or music reading. This course will build fundamental skills in guitar performance, and address basic musicianship skills such as music reading and aural skill development. (Offered pending number of student request)

## THEATER

COURSE	<b><u>DRAMA</u></b>
PREREQUISITE	None
GRADE LEVEL	9, 10, 11, 12
LENGTH	1 year
CREDIT	5 credits per semester
DESCRIPTION	Drama is a participation course. Students are required to perform before the class audience in a variety of roles: monologues, skits, improvisations, pantomimes, duets and scenes. The emphasis will be on changing the student from a passive, accepting viewer into an active critical audience and actor. Written work is expected of the student on a regular basis. <u>May be taken twice for credit.</u> <i>UC/CSU approved performing art course.</i>

## ART (see CTE Pathways on Page 31)

COURSE	<b><u>2D DESIGN</u></b>
PREREQUISITE	None
GRADE LEVEL	9, 10, 11, 12
LENGTH	1 year
CREDIT	5 credits per semester
FEE	\$40.00 material fees*
DESCRIPTION	2D DESIGN is designed for students who have been afraid of art and for those who feel comfortable making art. Basic skills are taught in addition to more a variety of art techniques. Emphasis is placed on introductory units on drawing with graphite, colored pencil, color mixing, painting, stenciling, and general 2D design concepts. Students will learn the fundamental Elements of Art and Principles of Design. A transfer student or a student with advanced skills who wish to challenge this prerequisite need to demonstrate their skills by showing 3 or more different media (example: pencil, marker, paint). It is your responsibility to schedule a time to share your art before or during the first 3 days of the course and all challenges must be approved by Mr. Kelly. *Financial assistance is available for students requiring it. <i>UC/CSU approved Visual Arts course.</i>



**COURSE** **DRAWING & PAINTING**  
**PREREQUISITE** Intro to Art/ 2D Design  
**GRADE LEVEL** 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**FEE** \$40.00 material fees\*  
**DESCRIPTION** Students will have the opportunity to further their skill with drawing and painting. Drawing units will focus on realistic and interpretive graphite and ink drawings while the painting units will explore acrylic landscapes and portraits, watercolor still life and silk textile painting. \*Financial assistance is available for students requiring it. *UC/CSU approved visual arts course.*

**COURSE** **3D DESIGN**  
**PREREQUISITE** Intro to Art/ 2D Design  
**GRADE LEVEL** 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**FEE** \$40.00 material fees\*  
**DESCRIPTION** Students will have the opportunity to develop their 3D skills. The course will begin with a semester of jewelry design. Students will learn how to work with copper, brass, and beading to make bracelets, rings, earrings and necklaces. Second Semester students will work with clay, hand building projects including making pinch pots, coil vases, sculpture and designing mugs and clay boxes. Students will also have the opportunity to learn how to throw on the pottery wheel making plates, bowls and mugs. Various glazing techniques will be explored to finish pottery for personal or commercial use. \*Financial assistance is available for students requiring it. *UC/CSU approved visual arts course.*

**COURSE** **AP STUDIO ART: 2D DESIGN/ DRAWING**  
**PREREQUISITE** Grade of “B” or higher in Drawing and Painting or 2D Design or 3D Design and instructor’s approval  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**FEE** \$40.00 material fee\*  
**DESCRIPTION** AP Studio Art course is for the highly motivated student who wants to create a Drawing (or painting) or 2D Design or 3D Design Portfolio. This is an intensive college level course designed around each student creating a personally meaningful 24 piece portfolio. Students interested in this course must present to Mr. Kelly 6 of their best pieces within the category of the portfolio they want to create – teacher approval is needed to be in this class. This course is offered every year, and students may repeat this course for credit by creating an additional portfolio. Students may elect to submit their portfolio to national Advancement Placement College Board in early May with a chance of earning freshman Art college credit. Summer Projects are required and due the first day of class. \*Financial assistance is available for students requiring it. *UC/CSU approved visual arts course.*



COURSE	<b><u>AP STUDIO ART: 2D DESIGN/PHOTOGRAPHY</u></b>
PREREQUISITE	Photography II (with darkroom experience and a grade of a B or higher in Photo II) or permission by instructor
GRADE LEVEL	10, 11, 12
LENGTH	1 year
CREDIT	5 credits per semester
FEE	\$50.00 per semester*
DESCRIPTION	AP Studio Art/ Photography is intended for the advanced photography student who wishes to create a 24-piece portfolio of independently produced work. This course is especially suited for students wishing to pursue AP 2D Studio Art with a photography emphasis. Students will work independently as well as collaboratively to exceed their present skills, technically as well as conceptually with attention to composition, content, and refining printing skills both in the darkroom and with Adobe Photoshop. Emphasis will be on editing and sequencing of work. Students will have the opportunity to create a portfolio and submit it for consideration of the Weston Scholarship Portfolio Competition. Students may also elect to submit their portfolio to the National Advanced Placement College Board in early May for a chance to earn college credit. Students may also find a photography internship as part of the class. AP Studio Art/Photography should be taken by students with exceptional motivation and interest in photography. A 35mm film SLR camera that can be operated manually is required. A DSLR camera is recommended. *Financial assistance is available for students requiring it. <i>UC/CSU approved Visual Arts course.</i>

## PHYSICAL EDUCATION DEPARTMENT

The Physical Education program is designed to meet the social, emotional, and physical needs of the student through a variety of activities. The Physical Education program fosters growth and development in the following areas:

- Movement skills and knowledge as well as skill acquisition through diverse activities
- Self-image, self-esteem, self-realization; character development
- Social interaction and interdependence; collaborative learning
- Skills and understanding to achieve and maintain lifetime fitness and optimal health

Students must earn a minimum of 20 units in Physical Education (State of California requirement). Physical Education is open to all students and is required for all freshman and sophomore students. All freshmen will be placed into a CORE program. In Core 9 P.E. students will take the State Physical Fitness Standards Test and must pass five out of six standards to pass the course. Students are required to pass the State Physical Fitness Standards Test in order to be exempt from junior and senior physical education courses.

Students can earn 5 credits each semester

Freshman Core (required) Sophomore

Elective (required)

Junior Elective (required if have not passed State Physical. Fitness Test)

Senior Elective (required if have not passed State Physical Fitness Test)

Students who have a long-term medical problem (exceeding 4-1/2 weeks) which excuses them from the regular Physical Education program should request a postponement from Physical Education during the current semester by presenting the doctor's statement of disability to the counselor each semester and enroll at a later date.

<b>COURSE</b>	<b><u>PHYSICAL EDUCATION - CORE 9/HEALTH</u></b>
<b>PREREQUISITE</b>	None
<b>GRADE LEVEL</b>	9
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>DESCRIPTION</b>	Fitness/Individual Sports

Conditioning/Aquatics	Exercise to Music/Dance	Physical Fitness Testing/Golf
Weight Training/Self Defense/Wrestling	Tennis/Ultimate Frisbee	Track & Field/Badminton

The Fitness gram will be administered to all freshmen students during the spring semester.

**HEALTH DESCRIPTION** This course includes programs on basic body systems, healthcare, drugs, alcohol, tobacco awareness, sex education, nutrition and exercise, suicide prevention, and decision-making skills.

<b>COURSE</b>	<b><u>PHYSICAL EDUCATION - CORE 10-12</u></b>
<b>PREREQUISITE</b>	Core 9 completed
<b>GRADE LEVEL</b>	10, 11, 12
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>DESCRIPTION</b>	Fitness/Team Sports

Basketball/Football/Soccer	Volleyball/Ultimate Frisbee	Softball/Lacrosse
Fitness/Weights	Wt. Lifting/training	Pickleball
Yoga/Stretching		

**COURSE** **PHYSICAL EDUCATION – Strength Training I**  
**PREREQUISITE** Core 9 completed  
**GRADE LEVEL** 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** Resistance training, conditioning, weight lifting, jump rope, agility training

**COURSE** **PHYSICAL EDUCATION – Advanced Strength Training II**  
**PREREQUISITE** Core 9 completed, Strength Training I completed or instructor approval  
**GRADE LEVEL** 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** Resistance training, conditioning, weight lifting, jump rope, agility training

**COURSE** **PHYSICAL EDUCATION - Dance**  
**PREREQUISITE** Core 9 completed  
**GRADE LEVEL** 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** Exercise to music, aerobics, stretching/yoga, dance technique; ballet, jazz, hip hop, Latin.  
Participation in performances will be part of the grade.

## ADDITIONAL COURSE OFFERINGS

COURSE	<b><u>AP PSYCHOLOGY</u></b>
PREREQUISITE	Grades of B or better in previous history/English classes or teacher recommendation.
GRADE LEVEL	10, 11, 12
LENGTH	1 year
CREDIT	5 <u>elective</u> credits per semester
DESCRIPTION	The A.P. Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with of the major subfields within psychology. All students who are willing to accept the challenge of a rigorous academic curriculum should consider signing up for this class. <i>UC/CSU approved.</i>

COURSE	<b><u>AVID (Advancement Via Individual Determination)</u></b>
PREREQUISITE	AVID teacher recommendation
GRADE LEVEL	9, 10
LENGTH	1 year
CREDIT	5 credits per semester
DESCRIPTION	AVID is designed to prepare students, in an academic context, for entrance into four year colleges/universities. The emphasis will be on analytical writing, preparation for college entrance and placement exams, college study skills and test taking, note taking and research. Students will receive one hour of instruction per week in college entry level skills, three hours per week in tutor led study groups, and one hour per week in motivational activities and academic survival skills.

COURSE	<b><u>AVID 2 (Advancement Via Individual Determination)</u></b>
PREREQUISITE	AVID teacher recommendation
GRADE LEVEL	11, 12
LENGTH	1 year
CREDIT	5 credits per semester
DESCRIPTION	AVID is designed to prepare students, in an academic context, for entrance into four year colleges/universities. The emphasis will be on analytical writing, preparation for college entrance and placement exams, college study skills and test taking, note taking and research. Students will receive one hour of instruction per week in college entry level skills, three hours per week in tutor led study groups, and one hour per week in motivational activities and academic survival skills. The class will focus on SAT / ACT Prep as well as college visits and information in picking a college that fits a student's needs. <i>UC/CSU approved for students in grade 12 only.</i>

**COURSE** **AP COMPUTER SCIENCE A**  
**PREREQUISITE** Completion of Integrated Math II with a grade of “B” or higher, and concurrent enrollment in Integrated Math III or higher or teacher recommendation.  
**GRADE LEVEL** 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** AP Computer Science A is the equivalent of an introductory, one semester, college level programming course. The course emphasizes programming methodology with a focus on problem solving and algorithm development using the Java programming language. Specific topics include object-oriented design, program design and implementation, algorithm analysis, and standard data structures. Students will tackle long-term, large scale computer programming problems and are expected to take the AP Computer Science exam in May. *UC/CSU approved*

**COURSE** **ENGLISH LANGUAGE DEVELOPMENT**  
**GRADE LEVEL** 9, 10, 11, 12  
**LENGTH** 1 Year  
**CREDIT** 5 credits per semester  
**DESCRIPTION** English Language Development (ELD) is designed for the English language learner who is placed in the course based on the California English Language Development Test (CELDT). This course stresses the development of language comprehension, production, grammar, and mechanical skills necessary to participate in mainstream courses. Students will practice all four domains for acquiring the English language: speaking, listening, reading, and writing with a strong emphasis on academic discourse for oral language development. In addition, this course will be aligned with the appropriate grade level English course based on student CELDT scores. This course will meet one year of the English requirement for PGHS graduation for students scoring a 2 or lower on the CELDT.

**COURSE** **LEADERSHIP**  
**PREREQUISITES** Completion of required application process, which includes teacher references and an interview. Maintain a GPA of 3.0, no F’s. (9th graders must undergo the interview process in 8th grade and be selected as officers for their Freshman year.)  
**GRADE LEVEL** 9, 10, 11, 12 (required for class and ASB officers)  
**LENGTH** 1 year  
**CREDIT** 5 elective credits per semester  
**DESCRIPTION** The Pacific Grove High School Leadership class meets during the scheduled school day. The class will include the required enrollment of ASB officers, class officers, and commissioners, but is open to all students interested in making a difference at PGHS and planning to take a leadership role on campus. This is a class that requires time outside of the class period to carry out planned activities. Leadership has many outside requirements including float building, early morning/late evening rally setup, early morning Shoe Week hall decorations, dance decorations, and staff breakfast preparations. In addition, students are required to participate in fundraising, dress up days, and lunchtime class meetings. This course will give students the opportunity to work on school activities while helping them gain effective leadership experience. All students will be held accountable to work in their assigned shifts and to complete all assigned tasks within their elected/selected offices. All students must sign a behavior contract indicating their desire to remain drug and alcohol free. For information about required duties, read the PGHS Constitution online at <http://pghigh.pgusd.org/asb/> before joining the class.

**COURSE** **YEARBOOK**  
**PREREQUISITES** Application submitted and approved by Yearbook Advisor. Photography and/or computer skills.  
**GRADE LEVEL** 9, 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 elective credits per semester  
**DESCRIPTION** Students enrolled in yearbook will meet during 1st period and are responsible for creating and producing PGHS's yearbook. Elements of production include layout/graphic design, photography, copy writing, advertising, and sales. Hours outside of class are required.

**COURSE** **SPECIALIZED ACADEMIC SUPPORT/CAREER EXPLORATION**  
**PREREQUISITE** SPED, 504  
**GRADE LEVEL** 9, 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester (This class is Pass/No Pass and does affect eligibility)  
**DESCRIPTION** Specialized Academic Support is designed to support students in their mainstream classes by providing extra help on homework and teaching skills including organization, time management, note taking and test taking.

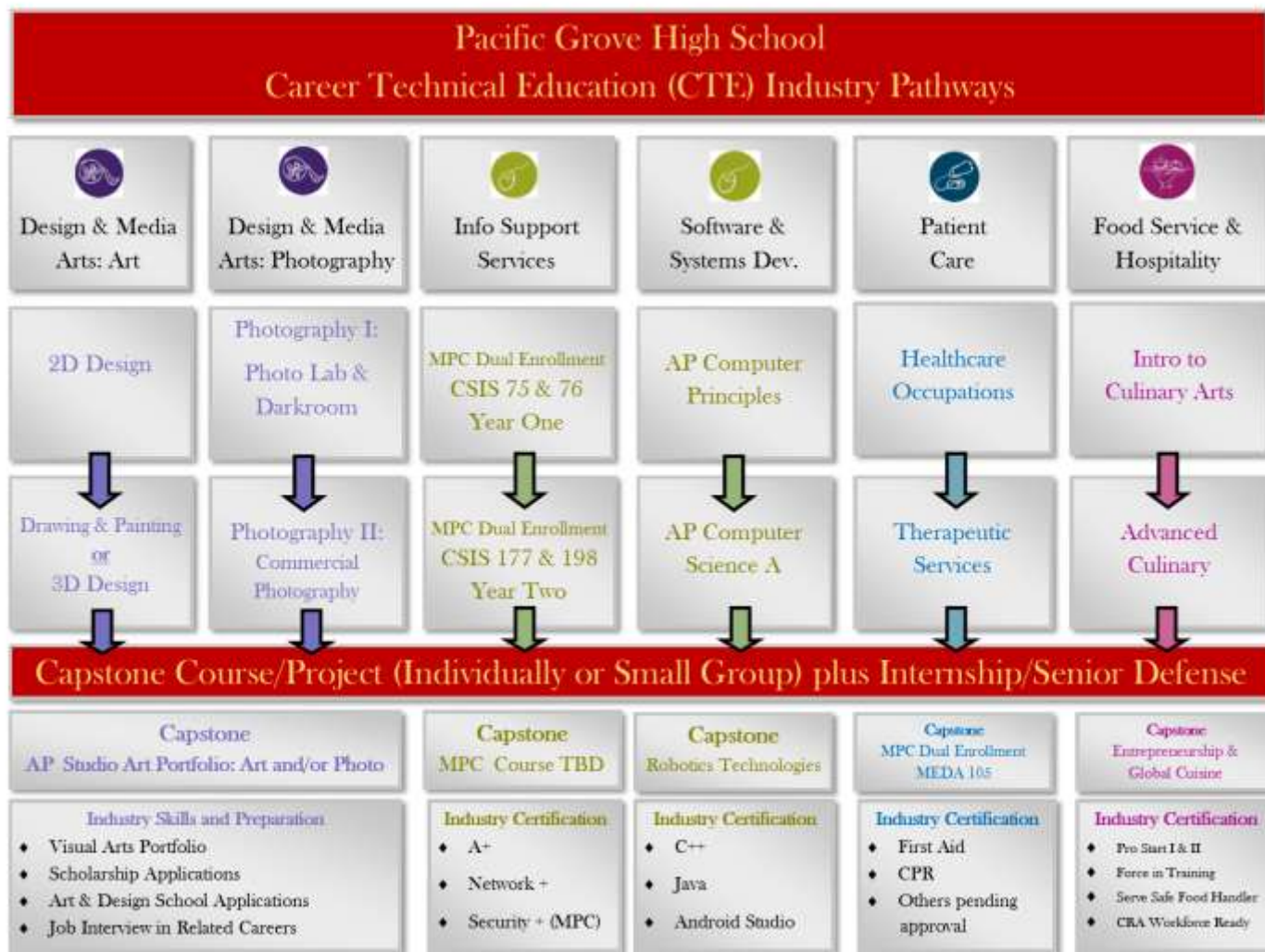


# CAREER TECHNICAL EDUCATION (CTE) PATHWAYS

PGHS supports students earning CTE Certifications and Internships through Career Technical Education Pathways regardless if students plan to attend a 2-year college or 4-year university after high school. Most PGHS CTE courses have articulated units with Monterey Peninsula College (MPC); once 6 units are taken after enrollment at MPC, students may claim college credit for their articulated PGHS CTE courses. In addition, PGHS and MPC negotiated for Dual Enrollment courses in Networking and Cyber Security that are offered as semester-long, college-level classes that will transfer units to a 4-year university. More dual enrollment courses will be offered, pending approval. All students completing a two-year sequence of CTE courses will have the opportunity to earn industry certification and be recognized at graduation with a special cord. Those students continuing onto a third-year Capstone course will earn an internship with a local industry partner and will be recognized with a graduation stole.

Students may complete more than one CTE pathway.

**Internships and Industry Certification are great topics to discuss on college applications!**



**Which Pathway is right for you? What will you wear at graduation?**

**Earn college credits and a graduation cord and/or stole through the PGHS CTE Pathways.**

**Design & Media Arts Industry**  
**Art Pathway: Introductory Level - 1<sup>st</sup> Year Course**

<b>COURSE</b>	<b><u>2D DESIGN</u></b>
<b>PREREQUISITE</b>	None
<b>GRADE LEVEL</b>	9, 10, 11, 12
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>FEE</b>	\$40.00 material fees*
<b>DESCRIPTION</b>	2D DESIGN is designed for students who have been afraid of art and for those who feel comfortable making art. Basic skills are taught in addition to more a variety of art techniques. Emphasis is placed on introductory units on drawing with graphite, colored pencil, color mixing, painting, stenciling, and general 2D design concepts. Students will learn the fundamental Elements of Art and Principles of Design. A transfer student or a student with advanced skills who wish to challenge this prerequisite need to demonstrate their skills by showing 3 or more different media (example: pencil, marker, paint). It is your responsibility to schedule a time to share your art before or during the first 3 days of the course and all challenges must be approved by Mr. Kelly. *Financial assistance is available for students requiring it. <i>UC/CSU approved Visual Arts course.</i>

**Art Pathway: Concentrator Level - 2<sup>nd</sup> Year Courses**

<b>COURSE</b>	<b><u>DRAWING &amp; PAINTING</u></b>
<b>PREREQUISITE</b>	Intro to Art/ 2D Design
<b>GRADE LEVEL</b>	10, 11, 12
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>FEE</b>	\$40.00 material fees*
<b>DESCRIPTION</b>	Students will have the opportunity to further their skill with drawing and painting. Drawing units will focus on realistic and interpretive graphite and ink drawings while the painting units will explore acrylic landscapes and portraits, watercolor still life and silk textile painting. *Financial assistance is available for students requiring it. <i>UC/CSU approved visual arts course.</i>

<b>COURSE</b>	<b><u>3D DESIGN</u></b>
<b>PREREQUISITE</b>	Intro to Art/ 2D Design
<b>GRADE LEVEL</b>	10, 11, 12
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>FEE</b>	\$40.00 material fees*
<b>DESCRIPTION</b>	Students will have the opportunity to develop their 3D skills. The course will begin with a semester of jewelry design. Students will learn how to work with copper, brass, and beading to make bracelets, rings, earrings and necklaces. Second Semester students will work with clay, hand building projects including making pinch pots, coil vases, sculpture and designing mugs and clay boxes. Students will also have the opportunity to learn how to throw on the pottery wheel making plates, bowls and mugs. Various glazing techniques will be explored to finish pottery for personal or commercial use. *Financial assistance is available for students requiring it. <i>UC/CSU approved visual arts course.</i>

## Art Pathway: Capstone Level – 3<sup>rd</sup> Year Course

<b>COURSE</b>	<b><u>AP STUDIO ART: 2D DESIGN/ DRAWING</u></b>
<b>PREREQUISITE</b>	Grade of “B” or higher in Drawing & Painting or 2D Design or 3D Design and instructor’s approval
<b>GRADE LEVEL</b>	11, 12
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>FEE</b>	\$40.00 material fee*
<b>DESCRIPTION</b>	AP Studio Art course is for the highly motivated student who wants to create a Drawing (or painting) or 2D Design or 3D Design Portfolio. This is an intensive college level course designed around each student creating a personally meaningful 24 piece portfolio. Students interested in this course must present to Mr. Kelly 6 of their best pieces within the category of the portfolio they want to create – teacher approval is needed to be in this class. This course is offered every year, and students may repeat this course for credit by creating an additional portfolio. Students may elect to submit their portfolio to national Advancement Placement College Board in early May with a chance of earning freshman Art college credit. Summer Projects are required and due the first day of class. *Financial assistance is available for students requiring it. <i>UC/CSU approved visual arts course.</i>

## Design & Media Arts Industry Photography Pathway: Introductory Level – 1<sup>st</sup> Year Course

<b>COURSE</b>	<b><u>PHOTOGRAPHY I</u></b>
<b>PREREQUISITE</b>	None
<b>GRADE LEVELS</b>	9, 10, 11, 12
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>FEE</b>	\$50.00 per semester*
<b>DESCRIPTION</b>	This course is an introductory level class appropriate for any student curious about producing photographic images with both fine art and commercial applications. The course will cover operation of a traditional manual 35mm SLR camera, exposure, composition, and basic lighting. Students will learn basic darkroom skills including developing film, enlarging negatives, and different printing techniques. Students will learn basic skills for operating a DSLR camera and will be exposed to Adobe Photoshop editing techniques and digital printing. Students will be exposed to different aspects of photography including: landscape, portrait, and narrative. We will also be learning about the elements of design for creating artistic compositions. Students will learn how to evaluate and analyze their own work as well as learn how to look at and discuss other people’s work. A 35mm film SLR camera that can be operated manually is required. A DSLR camera is recommended. *Financial assistance is available for students requiring it. Satisfies MPC ARTP 10 Beginning Photography course. <i>UC/CSU approved visual arts course.</i>

## Photography Pathway: Concentrator Level - 2<sup>nd</sup> Year Course

COURSE:	<b><u>PHOTOGRAPHY II</u></b>
PREREQUISITE:	Photography I
GRADE LEVELS:	10, 11, 12
LENGTH:	1 year
CREDIT:	5 credits per semester
FEE	\$50 per semester*
DESCRIPTION	Building on the concepts and skills learned in Photography I, students will have the opportunity to deepen their understanding of how photographic imagery has and continues to shape our society through discussion and practice. Students will expand upon the photographic techniques of composition, traditional and alternative processes. More attention will be given towards creating visual narratives that tell a story. Longer projects will allow students to build a cohesive photographic body of work on a single theme. Emphasis will be on editing and sequencing of work. Students will have the opportunity to create a portfolio and submit it for consideration of the Weston Scholarship. Students will also expand upon their knowledge of digital photographic editing and printing using Adobe Photoshop and professional Epson printers. A 35mm film SLR camera that can be operated manually is required. A DSLR camera is recommended. *Financial assistance is available for students requiring it. <i>UC/CSU approved visual arts course.</i>

## Photography Pathway: Capstone Level - 3<sup>rd</sup> Year Course

COURSE	<b><u>AP STUDIO ART: 2D DESIGN PHOTOGRAPHY</u></b>
PREREQUISITE	Photography II (with darkroom experience and a grade of a B or higher in Photo II) OR permission by instructor
GRADE LEVEL	10, 11, 12
LENGTH	1 year
CREDIT	5 credits per semester
FEE	\$50.00 per semester*
DESCRIPTION	AP Studio Art: Photography is intended for the advanced photography student who wishes to create a 24-piece portfolio of independently produced work. This course is especially suited for students wishing to pursue AP 2D Studio Art with a photography emphasis. Students will work independently as well as collaboratively to exceed their present skills, technically as well as conceptually with attention to composition, content, and refining printing skills both in the darkroom and with Adobe Photoshop. Emphasis will be on editing and sequencing of work. Students will have the opportunity to create a portfolio and submit it for consideration of the Weston Scholarship Portfolio Competition. Students may also elect to submit their portfolio to the National Advanced Placement College Board in early May for a chance to earn college credit. Students may also find a photography internship as part of the class. AP Photography should be taken by students with exceptional motivation and interest in photography. A 35mm film SLR camera that can be operated manually is required. A DSLR camera is recommended. *Financial assistance is available for students requiring it. <i>UC/CSU approved visual arts course.</i>

**Information and Communication Technologies Industry  
Networking and Cyber Security Pathway: Introductory Level - 1<sup>st</sup> Year Course**

**COURSE** **IT ESSENTIALS/MPC Dual Enrollment CSIS75**

**PREREQUISITE** None  
**GRADE LEVEL** 9, 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**FEE** \$30 materials fee\*

**DESCRIPTION** Students will maintain and repair PC hardware and software during this introduction and hands-on approach to the concepts and practices of how to install, set-up, and maintain a computer system via CISCO netacad curriculum. Topics include hardware, software, procedures, components, and configuration for newly constructed and repaired computer systems. Curriculum offers a career-oriented learning experience with an emphasis in practical activities to help students develop fundamental computer and career skill. In addition, all students will be prepared for entry level Information and Communications Technology (ICT) career opportunities along with CompTIA A+ certification, which helps students differentiate themselves in the marketplace and advance their careers. SkillsUSA competition provides students with additional career skill foundation. MPC articulation credits earned with grade B or higher. \*Financial assistance is available for students requiring it.

**COURSE** **NETWORK ENGINEERING/MPC Dual Enrollment CSIS 76**

**PREREQUISITE** Not required. Preferred – IT Essentials. Exploring Computer Science and AP Principles may serve as prerequisite, but may not be used toward Networking Pathway completion  
**GRADE LEVEL** 9, 10, 11, 12  
**LENGTH** 1 year  
**CREDIT** 5 credits per semester  
**FEE** \$30 materials fee\*

**DESCRIPTION** Students will learn essential networking technologies and skills, including TCP/IP, stable network creation, wireless networking, mobile devices, and network troubleshooting via CISCO netacad curriculum. Students will also learn to use various networking components and protocols that enable users to share data quickly and easily along with exploring the different types of transmission media, network architecture and topologies which provide for efficient and secure communication. In addition, students will become versed in the OSI reference model and its relationship to packet creation, and compare and contrast the OSI model with the Internet architecture model. Introduction to basic fundamentals of Cyber Security and how it relates to Information Technology provided. This course helps students prepare for competitive entry level ICT career opportunities with COMPTIA Network+ certification, which helps students differentiate themselves in the marketplace and advance their careers. MPC articulation credits earned with grade B or higher. \*Financial assistance is available for students requiring it.

## Networking and Cyber Security Pathway: Concentrator Level - 2<sup>nd</sup> Year Course

<b>COURSE</b>	<b><u>CSIS 177 ROUTER CONCEPTS – MPC Dual Enrollment</u></b>
<b>PREREQUISITE</b>	CSIS 76
<b>GRADE LEVELS</b>	10, 11, 12
<b>LENGTH</b>	1 Semester (To be approved as Dual Enrollment course and offered through MPC at PGHS Campus)
<b>CREDIT</b>	5 credits per semester/4 units MPC
<b>DESCRIPTION</b>	This course introduces the student to the router’s architecture, basic routing principles and protocols, operation, and configuration. It covers EIGRP and OSPF (single-area and multi-area) dynamic protocols in IPv4 and IPv6 networks. This Cisco Academy course is the second of a four-part sequence to prepare for CCNA certification. Portions of instruction may be offered online; also offered fully online.

<b>COURSE</b>	<b><u>NETWORK SECURITY FUNDAMENTALS/SECURITY+ PREP (MPC COURSE CSIS 198)</u></b>
<b>PREREQUISITE</b>	IT Essentials and Network Engineering
<b>GRADE LEVELS</b>	11, 12
<b>LENGTH</b>	1 Semester (To be approved as Dual Enrollment course and offered through MPC at PGHS Campus)
<b>CREDIT</b>	5 credits per semester/4 units MPC
<b>FEE</b>	\$30 materials fee*
<b>DESCRIPTION</b>	This course covers the fundamentals of security, using simulators to give hands-on experience with servers, routers and other security devices. Students learn about different types of attacks, security policy, encryption, access control, PKI, authentication, and cryptography. This course covers material necessary to prepare for the CompTIA Security+ certification. Portions of instruction may be offered online; also offered fully online. *Financial assistance is available for students requiring it. <i>Dual enrollment.</i>

## Networking and Cyber Security Pathway: Capstone Level - 3<sup>rd</sup> Year Course

<b>COURSE</b>	TBD
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**Information and Communication Technologies Pathway  
Software and Systems Development Pathway: Introductory Level - 1<sup>st</sup> Year Course**

<b>COURSE</b>	<b><u>AP COMPUTER SCIENCE PRINCIPLES</u></b>
<b>PREREQUISITE</b>	None
<b>GRADE LEVEL</b>	9, 10, 11, 12
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>FEE</b>	\$30 materials fee*
<b>DESCRIPTION</b>	This course introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, databases, the Internet, cybersecurity and how computing impacts our world. Students will develop computer science vocabulary and prepare for the AP Computer Science Principles exam. Discussions include computer science topics and theory. MPC articulation credits earned with grade B or higher. *Financial assistance is available for students requiring it. <i>UC/CSU approved.</i>

**Software and Systems Development Pathway: Concentrator Level - 2<sup>nd</sup> Year Course**

<b>COURSE</b>	<b><u>AP COMPUTER SCIENCE A</u></b>
<b>PREREQUISITE</b>	Completion of Integrated Math II with a grade of “B” or higher, and concurrent enrollment in Integrated Math III or higher or teacher recommendation.
<b>GRADE LEVEL</b>	11, 12
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>DESCRIPTION</b>	AP Computer Science A is the equivalent of an introductory, one semester, college level programming course. The course emphasizes programming methodology with a focus on problem solving and algorithm development using the Java programming language. Specific topics include object-oriented design, program design and implementation, algorithm analysis, and standard data structures. Students will tackle long-term, large scale computer programming problems and are expected to take the AP Computer Science exam in May. <i>UC/CSU approved.</i>

**Software and Systems Development Pathway: Capstone Level - 3<sup>rd</sup> Year Course**

<b>COURSE</b>	<b><u>ROBOTICS TECHNOLOGIES</u></b>
<b>PREREQUISITE</b>	IT Essentials or AP Computer Science Principles or CSIS I or II
<b>GRADE LEVEL</b>	10, 11, 12
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>FEE</b>	\$30 materials fee*
<b>DESCRIPTION</b>	This course aims to teach applied concepts of mechanical design, computer programming & technology, physics, and mathematics through integration of a robotics system. Students will focus on building vocabulary and skills with Lego Mindstorms EV3 and VEX robots in the first semester; During the second semester, students proceed to more advanced robotics concepts, skills, and tools using Arduino, Raspberry Pi, and Python. *Financial assistance is available for students requiring it. <i>UC/CSU approved.</i>

Health Science and Medical Technology Industry  
Patient Care Pathway: Introductory Level - 1<sup>st</sup> Year Course

**COURSE HEALTHCARE OCCUPATIONS**

**PREREQUISITE** Biology (Anatomy Recommended)

**GRADE LEVEL** 10, 11, 12

**LENGTH** 1 year

**CREDIT** 5 credits per semester

**FEE** \$50.00 per semester\*

**DESCRIPTION** This course provides students with a fun and effective way of learning anatomy and applying that knowledge to the treatment of the most common sports injuries. The first semester covers the lower half of the body. The second semester encompasses the upper extremities and concussion management. This class exposes the students to the possibility of careers in health care through visiting surgeons, physical therapists and other medical professionals. Each year the students will visit a college and or professional facility to observe top level sports medicine and athletic training. In addition, this course provides students with manual taping, bracing and first aid skills, knowledge and familiarity in the areas of physical fitness, physical therapy, physical medicine and athletic training. Second year students are eligible for Therapeutic Services which involves internship and observation at various physical therapy and surgical sites. \*Financial assistance is available for students requiring it. **For any student searching for a pre-pre-med program!**

Patient Care Pathway: Concentrator Level - 2<sup>nd</sup> Year Course

**COURSE THERAPEUTIC SERVICES**

**PREREQUISITE** Healthcare Occupations

**GRADE LEVEL** 11, 12

**LENGTH** 1 year

**CREDIT** 5 credits per semester

**FEE** \$50.00 per semester\*

**DESCRIPTION** Students will obtain practical, hands-on work experience as team assistant trainers and through internships in health related fields such as physical therapy, physical medicine, nursing, radiology, strength and conditioning, nutrition and orthopedic surgery. Students will become CPR certified and engage in a variety of classroom and lab activities to promote job acquisition and leadership skills. The importance of work relationship development, professionalism and service are emphasized throughout the course. \*Financial assistance is available for students requiring it. **For any student searching for a pre-pre-med program!**

Patient Care Pathway: Capstone Level - 3<sup>rd</sup> Year Course

**COURSE MEDICAL TERMINOLOGY (MPC Course MEDA 105)**

**PREREQUISITE** Healthcare Occupations

**GRADE LEVEL** 11, 12

**LENGTH** 1 year (May be approved as Dual Enrollment course and offered through MPC at PGHS Campus)

**CREDIT** 5 credits per semester

**FEE** \$50.00 per semester\*

**DESCRIPTION** This course provides a systematic foundation of medical language with emphasis on its practical applications in the healthcare setting. Students learn to analyze, spell, and pronounce medical terms and apply them appropriately in context. \*Financial assistance is available for students requiring it. Also offered online.



**Hospitality, Tourism, and Recreation Industry**  
**Food Service and Hospitality Pathway: Introductory Level – 1<sup>st</sup> Year Course**

<b>COURSE</b>	<b><u>CULINARY ARTS I: INTRO TO CULINARY ARTS</u></b>
<b>PREREQUISITE</b>	None
<b>GRADE LEVEL</b>	9, 10, 11, 12
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>FEE</b>	\$50.00 per semester*
<b>DESCRIPTION</b>	This is an introductory, competency-based course designed to introduce basic skills for individual and family cooking. The course is based on the National Restaurant Association’s curriculum, ProStart, which provides classroom training and applied practice in kitchen safety, sanitation, and food preparation techniques as well as key aspects of professional careers including job seeking skills, management, sustainable practices, and ethics. Units of study include introductory baking, yeast breads, pasta, potatoes and grains, dry and moist-heat cooking methods, food safety, knife skills, soups, and sauces. Life skills include budgeting, meal planning, professional communication, work ethic, collaboration, innovation, project planning, mindful eating, and consumer literacy. *Financial assistance is available for students requiring it. <i>UC/CSU approved elective.</i>

**Food Service and Hospitality Pathway: Concentrator Level – 2<sup>nd</sup> Year Course**

<b>COURSE</b>	<b><u>CULINARY ARTS II/ADVANCED CULINARY</u></b>
<b>PREREQUISITE</b>	Culinary Arts I grade C- or higher
<b>GRADE LEVEL</b>	10, 11, 12
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>FEE</b>	\$50.00 per semester*
<b>DESCRIPTION</b>	This course continues the study of a professional career in hospitality and culinary arts with a special focus on visual arts (plating, menu design, marketing, cookbook writing/layout, and food photography). In addition to reinforcing the foundational skills learned in Year 1, students will delve into more advanced culinary techniques in the areas of Garde Manger, Saucier, baking and pastry, Global and Fusion cuisines, front and back-of-the-house operations, table service, and customer relations. Students earn a ServSafe Food Handler certification and Workforce Ready Certificate from the CA Restaurant Association. Students that complete both Culinary I & II with a C- or better will receive 2.5 units at MPC. <i>UC/CSU approved visual arts course.</i>

**Food Service and Hospitality Pathway: Capstone Level – 3<sup>rd</sup> Year Course**

<b>COURSE</b>	<b><u>CULINARY III: CULINARY ENTREPRENEURSHIP &amp; GLOBAL CUISINE</u></b>
<b>PREREQUISITE</b>	Culinary Arts II/Restaurant and Commercial Food Preparation
<b>GRADE LEVEL</b>	11, 12
<b>LENGTH</b>	1 year
<b>CREDIT</b>	5 credits per semester
<b>FEE</b>	\$60.00 per semester*
<b>DESCRIPTION</b>	Culinary III is the capstone course in the Food Service and Hospitality career Pathway and is designed to engage students in real-world culinary experience through guided mentorships, internships, and/or externships (2nd Semester). Students will participate in presentations by food service industry speakers, and learn about the industry during field trips and through volunteering at special events with local catering companies. Through hands-on activities, students will cater on-campus events and create student-run foodservice businesses. Labs will focus on culinary techniques, trends, traditions, and flavors from around the world. Students will prepare a professional portfolio and develop leadership skills through the SkillsUSA curriculum. Students will have the opportunity to compete in a regional competition with the potential to advance to the state and national levels.

## EXTRA-CURRICULAR

Baseball	Girls' Basketball	Softball
Boys' Basketball	Girls' Golf	Spirit Squad
Boys' Golf	Girls' Tennis	Swimming/Diving
Boys' Tennis	Lacrosse	Teacher's Aide
PGHS Chorus	Mock Trial	Track
Cross Country	Musical	Volleyball
Culinary Team	Play Product	Wrestling
Dance Team	PGHS Robotics	
Football	Soccer	

Students will receive a grade of "P": and 2.5 credits for each extracurricular activity meeting outside of the regular school day. Students will receive a grade of "P" and 5 credits for TA (Teacher's Aide) each semester until they reach the maximum of 10 credits. TA's are enrolled during the regular school day, Periods 1-7.

Students will be able to earn up to 10 credits in extracurricular activities. These 10 credits will be applied to the electives requirement for graduation. Once a student reaches the maximum of 10 credits for extracurricular activities, the activity will continue to be listed on the transcript with a grade of "P", however credits will not be added.

Students must meet attendance requirements in order to receive credit and/or a grade of "P".

# **Pacific Grove High School's UC A-G Approved Courses 2018-2019**

## **a-History/Social Science**

World Geography  
AP Human Geography  
World History  
U.S. History  
Government  
AP World History  
AP U.S. History  
AP Government

## **b-English**

English 1  
English 2  
English 3  
Honors English 3  
AP English Language and Composition  
Honors English 1  
Honors English 2  
English 4 Sports Literature  
English 4 Literature & the Dynamics  
of Social Justice  
English 4 Poetry & Creative Writing  
CSU Expository Reading & Writing  
AP English Literature & Composition  
English 4 Dystopia  
English 4 Literature of War  
English 4 Language, Literature, and the Law  
English 4 Science Fiction

## **c-Mathematics**

Fundamentals of Math  
Algebra 1A  
Algebra 1B  
Geometry 1A  
Geometry 1B  
Integrated Math I  
Integrated Math II  
Integrated Math III  
Honors Integrated Math III/Trigonometry  
Honors Introduction to Calculus  
Probability and Statistics  
AP Calculus AB  
AP Calculus BC  
AP Statistics

## **d-Laboratory Science**

Anatomy/Physiology  
Physics  
Biology 1  
Chemistry  
Honors Chemistry  
AP Environmental Science  
AP Physics C: Mechanics

## **e-Language Other than English**

Spanish 1  
Spanish 2  
Spanish 3  
Spanish 4  
AP Spanish Language & Culture  
AP French Language & Culture  
French 1  
French 2  
French 3  
French 4

## **f-Visual & Performing Arts**

2 D Design  
Drawing & Painting  
3D Design  
Photography I  
Photography II  
Drama  
Marching/Concert Band  
String Orchestra  
Culinary Arts II/Advanced Culinary Arts  
AP Studio Art 2-D Design: Drawing  
AP Studio Art 2-D Design: Photography

## **g-Elective**

AP Psychology  
Economics  
Earth & Space Systems (UC Elective)  
AP Computer Science A  
IT Essentials  
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