

## ADVANCED PLACEMENT

- Curriculum choices allow students to specialize in areas of interest
- Earn college credit for introductory college courses based on appropriate scores
- Elective choices allow exploration of the arts
- Opportunities for admission into prestigious schools
- Scholarship opportunities

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# ADVANCED PLACEMENT PROGRAM



## SEABREEZE HIGH SCHOOL

## EXPECTATIONS FOR AP STUDENTS

- Show the responsibility to attend class regularly
- Possess the necessary motivation to manipulate their time to accommodate the prolific reading and writing assignments
- Attend all scheduled after-school review sessions that normally commence in March
- Demonstrate the ability to complete homework on time
- Be able to think critically and abstractly
- Fulfill all responsibilities necessary for the completion of projects, labs, presentations, and performances
- Complete AP expectations by taking the AP exam

## AP COURSES

ART HISTORY

STUDIO ART: PORTFOLIO

CALCULUS AB

CALCULUS BC

CHEMISTRY

MACROECONOMICS

ENGLISH LANGUAGE  
AND COMPOSITION

ENGLISH LITERATURE  
AND COMPOSITION

HUMAN GEOGRAPHY

STATISTICS

UNITED STATES

GOVERNMENT AND POLITICS

UNITED STATES HISTORY

MUSIC THEORY

PHYSICS

PSYCHOLOGY

SPANISH LANGUAGE

## COURSE REQUIREMENTS *(Continued from page 3)*

### AP Spanish Language

AP Spanish Language is intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. The course helps to prepare students to demonstrate their level of Spanish proficiency across three communicative modes: Interpersonal, Interpretive, and Presentational.

### AP Statistics

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes; including Exploring Data, Sampling and Experimentation, Anticipating Patterns, and Statistical Inference.

### AP Studio Art Portfolio

Students are required to produce a portfolio for evaluation which contains three sections: Quality— actual art work is submitted, Concentration— an in-depth, individual project, and Breadth— demonstration of a wide range of experience. This course involved significantly more time than the typical high school art course and is not for the casually interested.

### AP United States Government & Politics

The focus in this course is to give students an analytical perspective on government and politics in the United States. The course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality.

### AP United States History

This junior-level course provides the analytic skills and factual knowledge necessary to deal critically with the problems, content, and materials of American historic development. Content will include the development of American culture and institutions, as well as ideals and characteristic, enlightened thinking and the social, economic and political forces that shape the nation.



## THE AP EFFECT

- Better prepared academically
- More likely to specialize in majors with tougher grading standards
- More likely to complete more course work
- More likely to take more college courses in their AP subjects
- Perform significantly better over four years in their course work
- More likely to be superior in terms of leadership and significant accomplishments
- More likely to graduate with a double major
- Twice as likely to go into advanced study— Ph.D. programs, medicine and law
- Useful predictor of college GPA

## PROGRAM DESCRIPTION

The Advanced Placement Program at Seabreeze High is the county's largest, consisting of college level courses and exams in 20 disciplines designed for highly motivated students. Its exceptional reputation is made possible by the close cooperation of secondary schools, colleges and the College Board. More than 2,900 universities and colleges worldwide grant credit, advanced placement, or both to students who have performed satisfactorily on the exams, and approximately 1,400 institutions grant sophomore standing to students who have demonstrated their competence in three or more of these exams. AP students also receive an additional quality point for successful completion of each course.



## PROCESS FOR ADMISSION

The process for admission into an AP class commences with the registration by the guidance counselor.

A cumulative GPA of 3.25 is recommended; students should also have earned an A/B average along with the verbal recommendation of the prerequisite teacher.

Placement into all AP classes is also by teacher recommendation. Therefore, in April, each individual department will review rosters of those students who have elected to take an AP class. Departments will then assess the potential for successful completion by each student in these highly academic classes.

## **COURSE REQUIREMENTS**

### **AP Art History**

The AP offering in Art History is designed to provide an understanding and knowledge for architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. In the course, students examine and critically analyze major forms of artistic expression for the past and the present from a variety of cultures.

### **AP Calculus AB / BC**

Calculus AB and Calculus BC are primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multirepresentational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. The connections among these representations also are important. Calculus BC is an extension of calculus AB rather than an enhancement; common topics require a similar depth of understanding.

### **AP Chemistry**

Students in this course should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. Topics such as the structure of matter, kinetic theory of gases, chemical equilibrium, chemical kinetics, and the basic concepts of thermodynamics are presented in considerable depth, including extensive experiments and laboratory work.

### **AP English Language and Composition**

This course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subject as well as the way generic conventions and the resources of language, contributes to effectiveness in writing.

### **AP Human Geography**

This course will introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

### **AP English Literature and Composition**

This course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both means and pleasure for their readers, as they read, students consider a works structure, style, and themes as well as such smaller. Elements as the use of figurative languages, imagery, symbolism, and tone.

### **AP Macroeconomics**

The purpose of an AP course in macroeconomics is to give the students a thorough understanding of the principles of economics that apply to an economic system as a whole. Particular emphasis is offered on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.

### **AP Music Theory**

Designed to further a music student's knowledge of the theory of music, this class is not only designed for those students planning to major in music in college, but also those student musicians interested in knowing more about how music functions. The class will include discussion of style periods, harmonic function, and composition. Studies will include fundamental terminology, notation, two-part counterpoint, harmonization of melodies and realization of figured bass. Also included is extensive melodic, rhythmic, and harmonic ear training.

### **AP Physics**

This college-level course in physics seeks to prepare the student for credit and/or appropriate placement in a college physics course. AP Physics 1 is algebra-based and is the equivalent to equivalent to a first- semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. Twenty-five percent of this course will focus on inquiry investigations. These investigations foster student engagement in the practice of science through experimenting, analyzing, making conjectures and arguments, and solving problems in a collaborative setting, where they direct and monitor their progress toward an academic goal.

### **AP Psychology**

The AP Psychology course is designed to introduce students to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts and principals associated with the major fields within psychology, they also will learn about the methods psychologists use in their science and practice. Content will include: methodology, theory, approaches, history, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation, emotion, developmental psychology, personality, testing, psychological disorders, treatment, and social psychology.