



**An Introduction to the  
Advanced Placement Program®**

**PASADENA HIGH SCHOOL**



# What Are Advanced Placement<sup>®</sup> Courses?

# Advanced Placement<sup>®</sup> : The Basics

- **AP<sup>®</sup> courses are college-level courses offered in high school**
- **Courses reflect what is taught in top introductory college courses**
- **Students take AP Exams at the end of the course, measuring their mastery of college-level work**
- **A score of 3 or higher on an AP Exam can typically earn students college credit and/or placement into advanced courses in college**

# AP<sup>®</sup> Courses at Pasadena High School

- AP Human Geography
- AP European History
- AP United States History
- AP Government
- AP Psychology
- AP Computer Science
- AP Physics - Physics 1 and C
- AP Biology
- AP Environmental Science
- AP Calculus AB
- AP Calculus BC
- AP Statistics
- AP English Language and Composition
- AP English Literature
- AP Studio Art
- AP Spanish Language and Culture
- AP Chinese Language and Culture
- AP Chemistry

AP<sup>®</sup>

# AP<sup>®</sup>: The Benefits

# AP<sup>®</sup>: The Benefits

- **Students learn rigorous college-level content and skills**
- **Taking AP is valued in the college admission process**
- **AP courses are interesting and rewarding academic experiences**
- **Opportunity to earn valuable credit and placement in college**

# AP<sup>®</sup> from the College Admissions Perspective

- **85% of selective colleges and universities report that a student's AP experience favorably impacts admission decisions\***
- **Colleges rank grades in college-preparatory courses and strength of curriculum as the two top factors in the admission decision**
- **AP courses tell college admission officials that students are challenging themselves and preparing for the rigors they'll encounter in their college careers**

*\*Unpublished institutional research, Crux Research Inc., March 2007*

# AP<sup>®</sup>: Skills & Advantages that Last a Lifetime

- Taking an AP course helps students build critical thinking skills, confidence, and the essential time management and study skills needed for college success
- Nationally, research shows that students who score a 3 or higher on an AP Exam typically earn higher grade point averages in college and have higher graduation rates than their non-AP peers\*

*\*2009, The College Board, "The Relationship Between AP Exam Performance and College Outcomes"*



# AP<sup>®</sup> Helps Students Graduate on Time & Save Money

- **Students who take AP courses and exams are much more likely to complete a college degree on time.\* Graduating in four years represents a significant savings on the cost of college.**
- **Only 1 in 4 college students completes a bachelor's degree in 4 years.**
- **The average cost of college for a single year is \$23,410\*\* for in-state schools (tuition, fees, room/board, misc. expenses).**

*\*College Outcomes Comparisons by AP and Non-AP High School Experiences, The College Board, 2008*

*\*\*The College Board, Trends in College Pricing 2014, Figure 1*

# AP<sup>®</sup> Expands Students' Options

**When students earn college credit through AP Exams, their options and opportunities expand:**

- **Move to upper-level college courses sooner**
- **Pursue a double major**
- **Gain time to study and travel abroad**

AP<sup>®</sup>

AP<sup>®</sup> Exams

# AP<sup>®</sup> Exams

**AP Exams are administered by schools worldwide on set dates in May each year.**

- **Exams are typically 2–3 hours and include:**
  - **Multiple-choice questions**
  - **Free-response items such as essays, problem solving, document-based questions and oral response**

# Credit and Placement Opportunities

Each college and university has its own policies regarding AP<sup>®</sup> credit and placement. The College Board offers information about AP credit at thousands of college and universities at [www.collegeboard.org/apcreditpolicy](http://www.collegeboard.org/apcreditpolicy).



- Search by school name or alphabetically
- Data for each school includes a direct link to that school's Web page detailing AP credit and placement policies
- A statement from the college or university about its AP policy

# AP CALCULUS BC EXAM DAY

**DATE- TUESDAY, MAY 5TH, 2020**

**TIME- 7:30 STUDENT CHECK-IN**

**8:00 EXAM BEGINS**

**WHAT TO BRING-**

**\*PHOTO ID**

**\*GRAPHING CALCULATOR (CAN BRING 2)**

**\*WATCH (NOT INTERNET ACCESS, NO ALARM, NO BEEPING)**

# AP CALCULUS BC-EXAM FORMAT

## TWO SECTIONS

### Section 1: Multiple Choice

45 Questions- 1 Hour 45 Minutes 50% of Exam Scores

Part A: 30 questions; 60 minutes (calculator not permitted)

Part B: 15 questions; 45 minutes (graphing calculator required)

10 Minute Break

### Section 2: Free Response

6 Questions- 1 Hour 30 Minutes 50% of Exam Score

Part A: 2 questions; 30 minutes (graphing calculator required)

Part B: 4 questions; 60 minutes (calculator not permitted)

# CollegeBoard Calculator Policy

You can use a graphing calculator on Section 1, Part B and Section 2, Part A of the AP Calculus BC Exam since questions in those parts of the exam require use of the calculator to answer. See the list of approved graphing calculators (which includes a list of devices that are not allowed).

- Bring a calculator you are familiar with. It is a good idea to bring extra batteries. You may bring up to 2 graphing calculators.
- Students may not share calculators.
- Throughout the course, use your calculator on a regular basis so that you're comfortable with it on exam day.

<https://apstudents.collegeboard.org/courses/ap-calculus-bc/calculator-policies>



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## Three Changes are Coming to AP in 2019-20

1. AP teachers will have access to year-round, new instructional resources that measure student progress. These resources will help students master the content and skills needed for success in the course and on the exam.
2. New streamlined registration and ordering system gives time back to AP Coordinators.
3. Exam ordering is moving from spring to fall.

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# Why Shift Exam Ordering from the Spring to Fall

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## **A commitment to success.**

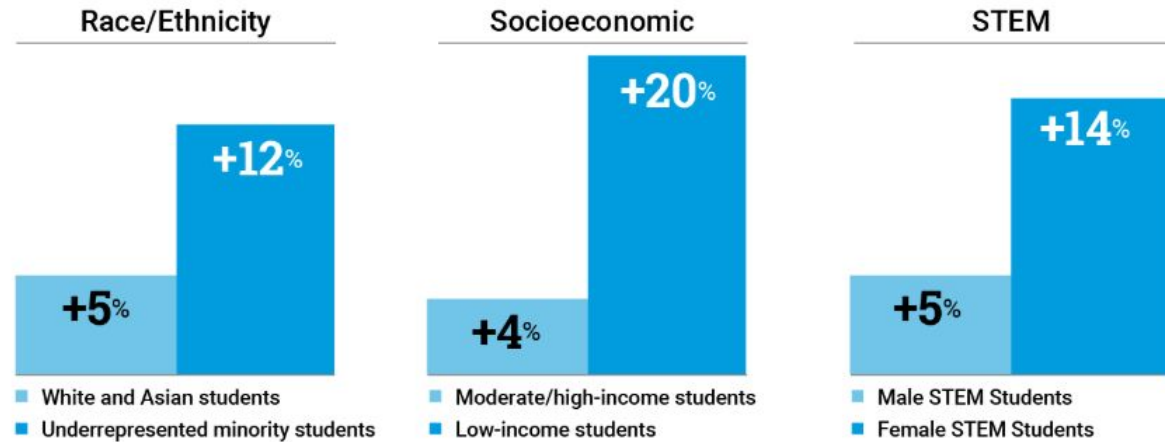
Fall exam registration is a best practice at more than half of AP schools. In the 2017-18 school year, the College Board piloted earlier registration with 40,000 students.

They saw an increase in scores of 3 or higher across multiple groups. Moving the time of registration made a difference across the board, but it had the strongest effect for students who are traditionally underrepresented in AP.

# Fall Registration



## Scores of 3+ increased across student groups



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## Supporting student success

Students are more likely to stay engaged in class and tackle challenging topics head-on when they register in the fall. **Fees for late registration and exam cancellation ensure that students don't wait until the last minute to make a decision. This has helped teachers create a classroom culture where students are "all in."**

During the College Board's pilot, few students registered late or canceled their exams.

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## A Few 2020-2021 Highlights

- The College Board expects to administer paper and pencil examinations in the Spring of 2021. (They are working on a digital contingency plan.)
- There will be no fees for unused exams. Students will be entitled to a full refund.
- PHS is providing an online payment option.

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## Required Steps:

1. REGISTER: Students must register for EACH of their AP Classroom sections, if they haven't done so already.
  - a. They can register at:  
[myap.collegeboard.org](https://myap.collegeboard.org)
  - b. Teachers can provide classroom codes to register.
  - c. This is the only way to indicate that you are taking the exam.

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## Required Steps:

### 2. PAY FOR EXAMS by OCTOBER 30, 2020

\$95 per exam - Regular Fee

\$15 per exam - Reduced Fee for Students to Receive FRL

Students can pay online at:

<https://pasadena-high-school.square.site/>

OR

Mail Check Payable To: Pasadena High School

Attn: AP Exam Coordinator

2925 E. Sierra Madre Blvd.

Pasadena, CA 91107

Be sure to include STUDENT NAME in the memo and include a note indicating the name of the exam.



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## A Few Notes:

- Our online payment option has a 2.9% + 30¢ convenience fee added to it.
- Please indicate the name of your STUDENT in the name portion of the order.

<https://pasadena-high-school.square.site/>

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## Math Academy Students in the 8th Grade:

### AP Calculus BC - Exam Only

SECTION JOIN CODE

**YJP9YA**

To enroll in this section online, sign into <https://myap.collegeboard.org> and enter the section join code