

AP Calculus: Updates for 2019-20

- To bring you and your students new classroom resources and supports, we're making updates to AP[®] Calculus AB and AP Calculus BC for the 2019-20 school year.
- These updates will give you a clearer sense of the content and skills that will be tested on the exams. They'll also ensure that the exam format remains consistent from year to year.
- You won't need to update your syllabus in the AP Course Audit.
- Starting in August, you'll need to complete a simple digital activation process to access the new resources and help your students register for their exams.

Course and Exam Updates

AP Calculus AB and AP Calculus BC have been updated for the 2019-20 school year to make things clearer for you and your students.

Course and exam information is now more clearly presented in an updated course and exam description (CED).

- Currently, a course and exam description (CED) with a concept outline is available to help you plan your instruction.
- Starting in late May 2019, you'll have access to an **updated course and exam description (CED)** that more clearly outlines all required course content and defines how that content will be assessed on the exams.

The updated CED organizes the courses into commonly taught units.

- This series of eight units for AP Calculus AB and ten units for AP Calculus BC represents a sequence that is found in widely adopted college textbooks and that many AP Calculus teachers have told us they follow:
 - ♦ **Unit 1:** Limits and Continuity
 - ♦ **Unit 2:** Differentiation: Definition and Fundamental Properties
 - ♦ **Unit 3:** Differentiation: Composite, Implicit, and Inverse Functions
 - ♦ **Unit 4:** Contextual Applications of Differentiation
 - ♦ **Unit 5:** Analytical Applications of Differentiation
 - ♦ **Unit 6:** Integration and Accumulation of Change
 - ♦ **Unit 7:** Differential Equations
 - ♦ **Unit 8:** Applications of Integration
 - ♦ **Unit 9:** Parametric Equations, Polar Coordinates, and Vector-Valued Functions (AP Calculus BC only)
 - ♦ **Unit 10:** Infinite Sequences and Series (AP Calculus BC only)

- By organizing the course content and skills into units, we're able to give you and your students free formative assessments—personal progress checks—that you can assign throughout the year to measure student progress.
- We want to respect your time and expertise by providing a road map you can modify and adapt to your local priorities and preferences. You can choose to follow this suggestion for how content can be sequenced and paced. As always, you'll have the flexibility to organize the course content as you like.

The framework has been updated to make things clearer for you and your students.

- The mathematical practices have been refined.
- The big ideas now weave through the framework, creating unifying themes to help students make connections across topics and develop more meaningful understanding.

- Enduring understandings, learning objectives, and essential knowledge statements have been clarified and refined.

There are no updates to the structure of the AP Calculus Exams.

- The weighting, timing, and number of questions in each exam section aren't changing.
- The relative weights of different content areas and question types aren't changing, but they're now clearly defined in the CED so that you and your students know what to expect.

You'll find complete details about the updated AP Calculus courses and exams in the CED, available on AP Central® in late May 2019.

Print copies of the CED will be available in easy-to-use, customizable binders in June 2019.
Preorder your free copy at collegeboard.org/CED.

Visit collegeboard.org/APCalc2019 for the most up-to-date information, including:

- A video overview of the AP Calculus updates;
- More information about the new resources;
- A detailed timeline of what you can expect and when; and
- A video preview of the CED and unit guides.