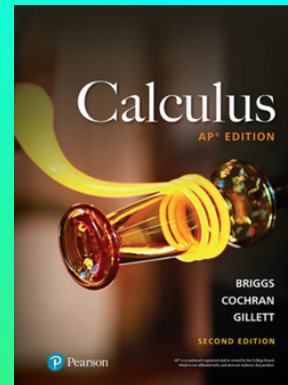


AP CALCULUS AB

AP Calculus AB Course Description

This AP Calculus AB course teaches students the fundamentals of calculus and how it applies to real-world change. Students study limits, derivatives, and integrals, and apply them to problems involving motion, growth, area, and accumulation. The course also introduces differential equations for modeling change over time. By the end of the course, students will be prepared to take the AP Calculus AB exam and to enter into other college-level math courses.



Calculus, AP Edition, Briggs et al., 2018, Pearson



Course Topics

1. Limits
2. Derivatives
3. Applications of the Derivative
4. Integration
5. Applications of Integration
6. Differential Equations



Additional Resources

- [College Board](#) - includes test information and additional practice for the AP Exam
- [OpenStax Textbook and Resources](#) - digital access to the textbook
- [Pearson MyMathLab](#) - digital access to the textbook and additional practice
- [IXL \(Access through Clever\)](#) - includes Skill Plans for Calculus AP Edition textbook

$$a + (b + c) = (a + b) + c$$