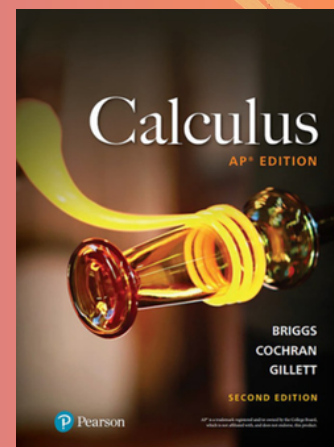


# CALCULUS

## Calculus Course Description

This Calculus course introduces key concepts of calculus and data analysis. Students learn to interpret data, understand limits, and work with derivatives to measure change. They apply derivatives to real-world problems like motion and optimization, and study integration to find area and totals. The course also covers differential equations for modeling change over time. By the end, students build strong problem-solving and analytical skills for advanced math.



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



## Course Topics

1. Exploring and Understanding Data
2. Limits
3. Derivatives
4. Applications of the Derivative
5. Integration
6. Applications of Integration
7. Differential Equation

## Additional Resources

- [Pearson MyMathLab](#) - digital access to the textbook, homework, and additional practice
- IXL (Access through Clever) - includes Skill Plans for Calculus AP Edition textbook

