

Torrey Pines High School: Introduction to Calculus

Level of Difficulty	Estimated Homework	Prerequisites
<input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Difficult <input type="checkbox"/> Very Difficult	30-60 minutes	<u>District</u> <u>Department</u> C test average in Integrated Math 3

Course Description

Introduction to Calculus focuses on the foundations and analysis of early material students will encounter in a college level pre-calculus and calculus classes. Through the context of calculus, students will strengthen their skills in solving equations, graphing functions, and analyzing features of functions and their graphs. This course provides a review of polynomials, exponential, logarithmic, and trigonometric functions. Each family of functions will include an exploration of related limits and derivatives. Students will have the opportunity to begin exploring integrals at the conclusion of the course.

Grading

Assessments (tests, quizzes)	90%
Homework/Classwork	10%

Syllabus Link

Supplemental Information

10 Credits

Meets high school graduation requirement for math or electives

Meets UC/CSU subject area "c" requirement