

# Canyon Crest Academy: Statistics & Probability

---

Level of Difficulty	Estimated Homework	Prerequisites
<input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Difficult <input type="checkbox"/> Very Difficult	30-60 minutes	<b>District</b> C in Integrated Math 3 or C in Algebra 2 <b>Department</b> C in Integrated Math 3 or C in Algebra 2

## Course Description

Topics covered include summarizing, graphing, describing, exploring, and comparing data sets; correlation and regression; probability and probability distributions; normal distributions; estimates and sample sizes; confidence intervals, hypothesis testing, and inference. Students will conduct a variety of observational studies from which they will analyze data and draw conclusions, and they will learn the ins and outs of a majority of the statistical functions of a graphing calculator. This is a slower-paced, more activities-oriented course than AP Statistics, which allows for deeper exploration of individual statistical topics.

## Grading

Assessments (tests, quizzes)	50%
Projects	25%
Homework/Classwork	15%
Special Problems	10%

## Syllabus Link

## Supplemental Information

10 Credits

Meets high school graduation requirement for math or electives

Meets UC/CSU subject area "c" requirement