

AP Course Description

The AP Statistics course aims to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data, preparing them for introductory college statistics courses. The course covers exploratory data analysis, planning and conducting studies, probability, and statistical inference.

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- **Exploring Data:**

Students learn to describe patterns and departures from patterns in data using graphical and numerical techniques.

- **Planning and Conducting a Study:**

This involves designing and implementing surveys and experiments to collect data.

- **Probability and Simulation:**

Students explore random phenomena using probability and simulations to understand chance behavior.

- **Statistical Inference:**

This includes estimating population parameters and testing hypotheses.

AP Statistics is a year-long introductory course to statistics for students who have successfully completed at least Algebra II. The purpose of this AP course is to introduce students to the major concepts and tools for **collecting, analyzing and drawing conclusions from data. Students will explore and analyze data using graphical and numerical techniques. Students will also use probability and statistical inference to develop an appropriate model for data collected.**