

## **AP Statistics**

This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to 4 broad conceptual themes: exploring data (observing patterns and departures from patterns); planning a study (deciding what and how to measure); anticipating patterns (producing models using probability theory and simulation); and statistical inference (confirming models). This course is intended to prepare students for the optional Advanced Placement Exam. **Prerequisite: Algebra I and II, Geometry**

Course ID# = APSTAT-AP-Y

**(This course meets 1 of 4 needed Math Graduation Credit Requirements)**