

Statistics I and II and AP Statistics

Course Overview:

This course is highly recommended for the college bound student. It is not a required elective, but encouraged. Students interested in majoring in the following fields are suggested to take this course: Business, Humanities, Social Studies, Communication, Mathematics and Sciences, Medicine, Chemistry, Education, Architecture, Engineering, Bioinformatics. Statistics is an introduction to elementary topics in statistical analysis. Topics that will be covered include analyzing categorical variables, comparing two percentages, experiments, conditional probability and strategy in sports, analyzing quantitative variables, and comparing two means and medians. This course meets NCAA eligibility requirements.

AP Statistics-This course will follow the AP Statistics course of study and is comparable to statistics courses in colleges and universities. The course follows four conceptual themes which include Exploring Data, Planning a Study, Anticipating Patterns in Advance, and Statistical Inference. Students in AP Statistics will have the opportunity to take the AP exam for college credit. A graphing calculator is required for this course. This course meets NCAA eligibility requirements. A weighted grading scale will be applied. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

Textbooks:

Assessments:

A variety of assessments will be given, including regular quizzes assessing new content and unit exams.

[CLICK HERE Statistics Learning Standards and Goals](#)