PROBABILITY AND STATISTICS WITH APPLICATIONS HONORS
1210300
Prerequisite: C or better in Algebra II
Grade 10-12, Credit 1.0

Probability and statistics with applications is an excellent final course for students; those students looking to study in the medical field, politics, communications or business in college. This course includes topics in data classification and collection, descriptive statistics (graphs), normal distributions, probability and their distributions, confidence intervals, hypothesis testing (one and two samples), correlation and regression. There is also an emphasis on connections and applications to the real world. The use of a graphing calculator (TI-83/84) is integrated throughout this course.