AP STATISTICS

Requirement area: Math or Elective
Course code: MST400
Grade Level: 11, 12
Prerequisite: Completion of Algebra II or by teacher recommendation
Length: Year long (1.0 credit)
Homework: 2 to 4 hours per week
Designator: NCAA

Description: This course in statistics will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to these broad conceptual themes:
1. Exploring one-variable and two-variable data
2. Collecting Data
3. Probability, Random Variables and Probability Distributions
4. Sampling Distributions
5. Inference for Categorical Data
6. Inference for Quantitative Data