



Archbishop  
**MOELLER**

# AP STATISTICS

MA454

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## Course Information:

1. Mathematics
2. Year Long
3. AP Course
4. Juniors and Seniors
5. Pre-requisites
  1. 85% average in CP Algebra II and Trig



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- AP Course: Signing Up for this course requires you to take the AP exam in the Spring. Failure to do so, will forfeit your AP credit, and your weight on your transcript for the course.



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# AP STATISTICS

Probability and Statistics is designed to be an elective mathematics course for juniors and seniors. Probability and Statistics is divided into four major parts: Descriptive Statistics: Concepts and Methods which comprise an introduction to Statistics, methods of displaying data, frequency distributions, measures of central tendency and dispersion, and describing individual performances; Probability, which studies elementary probability and probability distributions; Inferential Statistical Concepts, which covers applied sampling, estimation and hypothesis testing; and Inferential Statistical Methodology, which looks at correlation, regression analysis, the t-test, analysis of variance and the Chi-Square Test.



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## Academic Requirements:

1. An hour of Homework per night.
2. 1 Major Project with many small labs
3. Reading Required
4. Minimum 4 hours per week spent working on Statistics



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# AP Statistics

- Students should take this course because statistics is a course that many Colleges require throughout many fields of study.
- If students take the AP Statistics now, not only do they receive college credit if they pass the AP test but they also will be more prepared than the other students when they are in their College Statistics Classes.



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