

# AP STATISTICS

**Instructor: Mr. Mark Merz**

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AP Statistics is equivalent to a rigorous college level statistics course appropriate for a broad variety of majors. The curriculum demands mature, intelligent, well prepared and very strong highly motivated students. Students must have a strong work ethic, and be willing to commit a large amount of time and effort, and to make statistics a major priority. Strong verbal and reading skills are also essential.

## **Curriculum**

AP Statistics is a year-long course. The entire AP Statistics curriculum, as described on the AP website, will be taught. Students are expected to work a great deal outside of class. Students can benefit a great deal working in productive study groups, and working with online statistics resources.

Falling behind in the course can compound itself very quickly. Students find it very difficult to make up lost ground. Even math students who have been very successful to date generally need to make adjustments to their studying approaches because statistics is much more conceptual and verbal than the math courses previously experienced.

## **Cost & Benefits**

Students will be required to take the AP exam in May at their own expense. The cost is approximately \$90.

AP Statistics should be of value to students in a broad variety of majors. Data analysis, estimation and hypothesis testing are of increasing importance in many fields. Technology and globalization among other factors have made statistics the fastest growing field in mathematics.

## AP STATISTICS CONTRACT

AP Statistics is equivalent to a rigorous college level statistics course appropriate for a large variety of majors. The curriculum demands mature, intelligent, well prepared and very strong highly motivated students who are willing to commit a large amount of time and effort, and to make statistics a major priority. Strong reading and verbal skills are also essential.

This contract expresses the student's commitment to the demands of the course.

### Curriculum

AP Statistics is a year-long course. The entire AP Statistics curriculum will be taught. Statistics offers the opportunity to become a better learner. Students can expect to need to make adjustments to their studying approaches because statistics is much more conceptual and verbal than the math courses previously experienced.

### Cost

Students will be required to take the AP exam in May at their own expense. The cost is approximately \$90

### Attendance

Attendance for class is MANDATORY. The fast pace, intensity, need to master a tightly nuanced new vocabulary, rigor and dependence of each class on preceding classes make it virtually impossible to be successful, or to make up lost ground, with more than a very small number of absences. The class is being taught as a college level class. Absences in excess of 12 for the entire year may result in the course status being dropped from AP to ACP. ANY non-retreat absence will count toward these 12 or more. Many students will encounter significant difficulty with total absences significantly fewer than 12.

**Carefully read each of the following terms. Initial each item in the space provided. When finished, sign and date the contract and return to Mark Merz, prior to noon on May 4, 2018.**

\_\_\_\_\_ I understand that if I do not wish to take AP Statistics during the next academic school , I must drop by May 11. Otherwise, I will be unable to drop.

\_\_\_\_\_ I understand that there will be summer assignments to be completed for this course

\_\_\_\_\_ I understand that learning to be a better learner is a primary goal and benefit of this class. Working independently, learning for myself, time management, organization, self-discipline, preparation and responsible choices will be essential to my success in this class

\_\_\_\_\_ I understand that I must make constructive use of many resources to be successful in this class

\_\_\_\_\_ I understand that I am primarily responsible for my success in this class.

Current GPA: \_\_\_\_\_

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Parent Signature \_\_\_\_\_ Date \_\_\_\_\_

Accepted with waiver

\_\_\_\_\_ Signed waiver attached

AP Teacher \_\_\_\_\_

\_\_\_\_\_ Accepted

AP Teacher \_\_\_\_\_