

# ***Advanced Placement Statistics and Probability***

## ***Mr. Soares, Room 312***

### **AP Statistics and Probability.**

This is an upper level mathematics class that is designed to prepare the students for the Advanced Placement Statistics Exam offered in May. This course is equivalent to introductory statistics at the college level.

A student receiving an acceptable grade on the AP exam may get college credit; depending on the college the student is enrolling in.

### **Calculators:**

To be successful in this course a graphing calculator is highly recommended. Calculators with QWERTY keyboards are NOT allowed for the AP Exam, or any type of calculator that may use a stylus or touchscreen.

Texas Instrument 83/84 and the Texas Instrument 89 compliment the textbook used in the classroom. The price for the calculators is dependent upon the store or Internet Site you shop at. The Texas Instrument 89 is applicable, however, downloading software off the TI Web Page may be necessary. Once this has been accomplished the TI 89 would be just as useful if not more as the TI 83 or 84.

### **Grading Evaluation:**

35%	Test
35%	Homework
10%	Attendance
20%	Online Participation

### **Course Content:**

The AP Statistics course covers 4 basic areas. Each area covers a vast amount of information

1. Exploration of Data: Observations of Patterns
2. Planning a Study: What, How, and Who to collect data from
3. Anticipation of Patterns: Use of Probability Models to forecast possible outcomes
4. Inferential Statistics: Confirming models

### **Grading Policy**

Student grades are determined by the percentage the student achieves on a combination of the Tests, Quizzes, and Homework.

89.5 and above	A
79.5 – 89.4	B
70 – 79.4	C
60 – 69.9	D
Below 60	F

**Tests** cannot be retaken. A test grade could be replaced by the final test grade as long as the final test grade is higher than the replaced test grade. A unit or chapter test taken after the Final for either the Fall or Spring Semester cannot be replaced unless the overall score for that exam is 70% or above. The finals in the Fall and Spring will be scored like AP Exams. In the fall, there will be one final. During the Spring Semester there will be 2 Finals. If a student achieves a score of a 3 or above then he/she will not have to take the second final during the Spring. If a student is missing an exam, he/she must make up that exam promptly. Any exam taken after the final cannot be replaced by the final test score.

Cheating or plagiarism will result in an automatic zero is no replacement possibility. In addition to the zero test grade, Buchanan High School's rules on Cheating or Plagiarism will be enforced.

### ***AP Exam for Statistics***

Students interested in taking the AP Statistics Exam in the spring should register as soon as possible. If a student is unsure, he/she should still register. A final decision should be made at the time of payment. The tests are sent to each school site from the College Board. This process of sending tests and information concerning the number of pupils taking the test at each site is a lengthy process. A student that wishes to take the test a week prior to the exam may have some difficulty obtaining a copy on the test day. **The test date for 2020, May 15<sup>th</sup> Friday in the afternoon.** The test will last from approximately 11:00am to 4:00pm.

Please read the information above. In addition please read the Online Protocol for 2020-2021. (In Google Classroom)

If you have any questions please do not hesitate to contact me...

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