

# AP Statistics

## Course Description

The Advanced Placement Program offers a course description and exam in statistics to secondary school students who wish to complete studies equivalent to a one-semester, introductory, non-calculus-based, college course in statistics. The Advanced Placement Program offers a course description and exam in statistics to secondary school students who wish to complete studies equivalent to a one-semester, introductory, non-calculus-based, college course in statistics

### Course Skills:

- Selecting Statistical Methods (1)
- Data Analysis (2)
- Using Probability and Simulation (3)
- Statistical Argumentation (4)

### Big Ideas:

- Variation and Distribution (VAR)
- Patterns and Uncertainty (UNC)
- Data-Based predations, decisions, and conclusions (DAT)

### Materials

- \*Spiral Notebook
- \*2 sections in a binder (handouts and quizzes)
- \*Graph paper
- \*Calculator: TI84 (or higher)
- \*Pencil
- \*Colored Pencils

### GRADING POLICY

Students' grades consist of formative and summative assessments throughout each unit. Their average will be calculated using total points.

#### Summative Assessments: 75%

- Tests
- Projects

#### Formative Assessments: 25%

- Quizzes
- Classworks and progress checks

Between each summative you will have multiple progress checks through the AP online program. These are self-assessments that are worth points in the formative category. All quizzes are open notes and counts as a formative. There will be at least 3 summatives each quarter.

Retest Policy: At the end of each marking period, we will have one day that will be designated to the cumulative quarter exam. Everybody takes the exam. This test can replace any of the summatives given prior in the current marking period. No grade cap!

Formatives: If you do better on the summative than you did on the formative then I will replace your formative with the better grade (up to 15 points max)

### Absences

All homework and assignments will be posted on Edmodo as well as the online textbook. In the event of an absence, it is the student's responsibility to determine what work was missed and to complete it within the timeframe dictated by District policy (See student handbook).

\*If a student is absent for an assessment, he/she will schedule a make up upon their return.

### Office Hours/Communication:

I am available mornings from 8:30 - 9:15 daily.

Students are welcome to send me a note via email.

I will send emails throughout the year on happenings in the class. Please use schoology for assignments, assessments and communication.

### Technology:

Technology will be used to communicate with students as well as enhance learning. We will use various sites throughout the year.

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|------------------|--|
| • Schoology:     | Calendar and posts                               |
| • TI-84 plus     | May be used on all assignments and assessments   |
| • Powerpoint Mix | Online teacher videos for review and instruction |
| • Livescribe     | live notes posted on schoology                   |

### **Cheating:**

**Cheating/Plagiarism -cheating is the unauthorized use of notes or other forms of assistance (like the internet or cell phones), including electronic devices, to complete a test or assignment; and plagiarism is the unauthorized use of another person's work and calling it one's own. This includes students who let other people cheat off of their paper! Cheating is a level two offense and will result in a zero for the assignment as well as a referral and will be reported to any National Honor Society and Coaches.**