

AP Statistics
Dr. Vermilya

1. The course will cover both descriptive and inferential statistics. The topics in descriptive statistics include an analysis of univariate and bivariate data, correlation, regression, probability distributions and experimental design. Inferential statistics will cover confidence intervals, hypothesis testing, Chi-square test and analysis of variance.
2. The AP exam **REQUIRES** the use of a graphics calculator. Each student will be required to have a TI-83 and a great deal of time will be spent learning how the calculator can be used in the study of Statistics.
3. A significant amount of time will be spent learning to use statistical computer software. Students will be expected to become proficient with the software and use it to analyze data and write up reports.
4. The course is predominantly lecture and students are expected to take notes in class and homework is given after each topic. A great deal of class time will be spent in the computer lab but students may need to allot out of class time for finishing homework assignments and projects that require the computer.
5. **ATTENDANCE** is an important element of this class. If an absence is necessary you will be expected to get notes from the day you were out and get caught up as soon as possible.
6. All students will be required to take the AP exam at the end of the year.
7. Grading for this course is as follows:
- 8.

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| Major Tests (the Final will count as two tests) | 40% |
| Quizzes | 35% |
| Pop Quizzes | 5% |
| Hand in assignments | 10% |
| AP Homework | 10% |
| Major Project (will count as one quiz grade) | |

The grade scale will be as follows:

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| 90-100 | A |
| 80-89 | B |
| 70-79 | C |
| 65-69 | D |
| below 65 | F |

Tests and Quizzes

There will be approximately 3 – 4 tests and 6 - 8 quizzes each semester. There will be a final exam first semester which will count as TWO test grades. The quizzes will cover one or two related topics and major tests are usually compilations of several previous quizzes. In addition, there will approximately 6-8 POP QUIZZES during the semester.

If a student is absent for a Quiz, Pop Quiz, or a Hand In Assignment no makeup will be given. The next grade will count DOUBLE for the missed grade. This does not apply for tests. All tests will be made up within three days after coming back.

RULES AND REGULATIONS

- Ø Students are expected to report to class on time and observe school regulations concerning uniforms and discipline.
- Ø Students are expected to come to class each day prepared. They should bring with them their text book, notebook, calculator and pencils. No one will be allowed to return to their locker once they have arrived in class.
- Ø All Calculators must be engraved. Any student who is found with a calculator that is not engraved will have the calculator confiscated until it is engraved.
- Ø Students should be aware of the school's policy regarding cheating and will be held accountable on all tests, quizzes, and homework.
- Ø ALL work that is handed in must be neat and done in PENCIL.
- Ø All shirts must be tucked in at all time.
- Ø Sweaters and sweatshirts must be worn properly or carried. They may NOT be worn around the waist! Sweaters will be confiscated for the remainder of the day.
- Ø Boys' pants must be pulled up to the waistline.
- Ø The approved school shoe must be worn properly. You may not walk on the backs of your shoes. No tennis shoes will be allowed unless you have a doctor's note. This note is good for ONE day not the rest of the school year!
- Ø NO FOOD or GUM will be allowed in the room.