

TUTORIALS: 8:15-9AM (EXCEPT THURSDAYS); AFTERSCHOOL on ORANGE DAYS BY APPT (NOT FRIDAYS!)... OR DURING 8TH BLOCK.

Statistics is the **science** of collecting and analyzing data. Long story short: it is the study of how we use numbers in REAL LIFE to make important decisions. Decisions in the world of politics, business, medicine, education... you get the idea.

You may notice that the above paragraph contains the word “**science**” but NOT the word “**math**”. That is because while basic math skills are essential in this class, they are often secondary to being able to **clearly communicate** your methods and reasoning. Warning: there *will* be **PLENTY** of reading and **WRITING** in this class (because in real life, people tend to communicate using words).

At times, it will feel like hard work, but here is what you will get out of it: a high school math credit, **possible college credit**, and **hopefully some fun along the way**.

Here’s how the **GRADING** breaks down for each six weeks (*for more detailed info, see the course grading policy*)

DAILY WORK: 25% You’ll have homework almost every day. **DO IT.**

We don’t pick problems just to annoy you* – the practice is crucial. If you **DON’T KNOW HOW** to do it, see **TUTORIAL TIMES** up top. This category also includes a few** quizzes, class work, and mini-projects.

MAJOR EXAMS: 75% You’ll have about two major exams each six weeks. Each exam is split up into two parts (generally multiple choice and free response). You may also have a major project each semester.

ASSIGNMENTS MUST BE DONE USING PENCIL OR BLACK INK.

NO COLORED PENS/PENCILS ARE ALLOWED, except to accent diagrams/graphs. I’ll explain why later on...

You will **DEFINITELY** want a **CALCULATOR** in this class, such as a TI-83/84 (due to recent software updates, a **TI-84 is preferable**). **Check one out from the school library.**

If you wish to use a TI-89 or one of the newer TI-Nspire models (even the ones with CAS), those ARE allowed as well (yes, they ARE allowed – even on the AP Exam). However, if you wish to use one of those fancy calculators, it will be UP TO YOU to learn how to use them. I will use a TI-84 in class.

Towards the end of the school year, there is a test called the **AP EXAM**. The **STATISTICS AP EXAM IS ON THURSDAY, MAY 17, AT NOON-ish*****. You will learn everything that the exam covers, and will have the opportunity to earn college credit for an introductory statistics course****. Besides, wouldn’t it be a shame to go all the way through this class and then take it again in college?

CLASS SUPPLIES: PURPLE PEN(S) (for grading HW. Red or blue or orange work as well.)

4-PACK AAA BATTERIES
or
BOX OF TISSUES

*We promise!

**and by “a few”, I mean at least two, but probably less than a million.

***The actual exam starts closer to 1pm, and gets out between 4:30 and 5pm.

****For more info, you can Google “AP exam statistics [insert name of college]”