

TUTORIALS: 8-9AM (EXCEPT LATE STARTS), AND **UNTIL 5PM^{ish}** (NOT FRIDAYS!)... AND ALSO EVERY 4TH PERIOD.

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:

HOMEWORK: 10% You’ll have it almost every day. **DO IT.**

I don’t pick problems just to annoy you* – the practice is crucial. If you **DON’T KNOW HOW** to do it, **ASK FOR HELP** (see **TUTORIAL TIMES** up top).

QUIZ: 30%

You’ll have a few** each six weeks. Before each major test, you will have a group quiz, which is basically a practice test.

TEST/PROJECT: 60% You’ll have two major exams each six weeks. Each exam is split up into two parts (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**). **Get one from the textbook office.**

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 12, AT NOON-ish*****. You will learn everything that the exam covers, and if you do well, you may 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)

or

BOX OF TISSUES (for the classroom)

*I 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.

****this varies by college/major, so you should check college websites for more info – you can Google “AP exam statistics [insert name of college]”