

Welcome to Advanced Placement Statistics!

This class is the culmination of the Advanced track of the Mathematics curriculum at Cretin-Derham Hall as well as an elective for students in the Honors track. It is intended for college-bound juniors and seniors who enjoy mathematics and are interested in specific, real-world applications. You will find that AP Statistics does include some mathematics in it, but there is also a heavy dose of English and social studies mixed in.

With this in mind, I have set up a summer reading assignment leading up to the 2017-2018 academic year. The assignments are not content-specific, but rather, are intended to give you a broad introduction to statistics. We will refer back to your summer reading throughout the course.

For example, when we discuss graphical displays of numerical data, you will create graphs of your own Interesting Data Set. Or when we discuss experimental design, you will refer to your own Interesting Experiment or Observational Study to ensure that correct design or sampling methods were used.

There are three components of the summer reading assignment:

1. Interesting Data Set
2. Interesting Experiment or Observational Study
3. Interesting Current News Article

This class will be a lot of work, and I want to let you know that up front. Statistics is not a spectator sport – meaning you will not improve your understanding of statistics by watching other people do statistics. In order to do well, you're going to have to roll up your sleeves and get to work yourself.

This class offers a chance for you to earn college credit while still in high school! The AP Statistics exam is scheduled for Thursday, May 17<sup>th</sup>, 2018 at from noon to 3:30pm. My goal is that everyone who takes this course will feel confident and prepared to get a passing score on the exam.

I am very excited to work with you in the upcoming school year! Have a great summer and we'll see you in the fall! If you have any questions or concerns, please contact me by email. I check at least once a week throughout the summer.

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