



Course

Statistics

From vaccine trials to elections and self-driving cars, statistics shape our lives. Whatever your major, this math can help you understand the role of statistics in our world. Technology is on the verge of a major shift, and the fast-growing data science used to study artificial intelligence, machine learning, and deep learning technology is rooted in statistics. What's more, statistics is essential to diverse fields including medicine, polling, journalism, law, physical science, education, business, and economics. (some verbiage used from Pearson website)

Recommended Grade Level: 11+

Prerequisites: Algebra 2 (successful completion with grade C or higher).

Required Curriculum

Essentials of Statistics 7th Edition (Pearson)

<https://www.pearson.com/en-us/subject-catalog/p/essentials-of-statistics/P200000007116/9780137465941>

Click on the link above and purchase the e-book option. It will be cheaper than renting the book because it only rents for a semester at a time. Also, it will be good practice for online college courses, etc. to use an e-book in this upper level math course.

General Supplies

Pencils

TI-84 Plus CE graphing calculator

Graph Paper (small pack)

Notebook paper

Instructor

Mr. Ryan McElrath, please contact mrryantutorial@gmail.com if you have any questions.