

ECON 3818-100
Introduction to Statistics with Computer Applications

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Section 102 TR 11:00 – 12:20pm GUGG 2

Purpose: The purpose of this class is to introduce both the intuition behind and applications of statistical methods used in the social sciences, including economics. For most of you, this class will be your first introduction to the study of statistics. It is necessary to have solid foundational skills in algebra and to keep up with the class lectures and homework. Please note that while we will make use of the statistical tools in Excel, the class is primarily a statistics course and not a computer applications course.

Textbook: *The Basic Practice of Statistics, 3rd edition* by David S. Moore (required)
Excel Manual for Moore's Basic Practice of Statistics by Hoppe (optional)
Study Guide for Moore's Basic Practice of Statistics by Flinger and Notz (optional)

Technical Requirements: We will utilize Microsoft Excel for this course. Excel is available in all campus computer labs, including the lab in the basement of Economics. In addition to using Excel, you will need a two variable graphing calculator that has functions for correlation, mean, standard deviation, and least squares regression line. This calculator will be necessary for in-class exercises as well as for tests.

Grading: 10% – Recitation
20% – 20 Homework assignments @ 1% each
40% – 2 Midterms @ 20% each
10% – Sampling Project
20% – Final Project

The schedule of assignments, all homework answers, and exam practice questions will be posted at webfiles.colorado.edu/vechbany/www.

Policies:

Late Homework:

All homework is due at the beginning of each class period. No late work will be accepted.

Extra Credit: