

ECON 3818: Intro to Statistics with Computer Applications

MWF 1:00-1:50

Room: MUEN E131

Instructor: Nicole Mundt

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Office: ECON 414

Office Hours: Monday 12:00-12:50 , Wednesday 2:00-3:00, and by appointment

Please allow me 24 hours to respond to all emails. If you need help with course material, please see me during my office hours. If you need more help than can be provided in office hours, consider visiting the department's undergraduate tutor or viewing the department's private tutor list: http://www.colorado.edu/econ/undergraduate/tutor_list.pdf

Course Description: Understanding statistics is an important component of economics, and life in general. For your economics career, this class will be essential when moving on to econometrics, one of the most useful applications of economic knowledge.

Required Materials

Textbook: *The Basic Practice of Statistics*. David Moore, William Notz, and Michael A Fligner.

Prerequisites

Econ 2010 & 2020. Econ 1088 (or an approved similar course). This class requires algebra and calculus so exposure to these concepts is required.

Computer Application: R is a free programming language that is utilized primarily for data analysis. We will spend time throughout the course working on

Exams: There will be two midterms throughout the semester. They will consist of multiple choice questions along with a couple of free response questions. You will be allowed to bring a 3x5" index card with notes to refer to during the exam. Any tables required will be provided by the instructor. There will be no make-up exams, unless there is documentation of a medical or family emergency. If you miss an exam, the weight of that exam will be added to the final exam.

Extra Credit: The only extra credit opportunity will be through iClickers. There will be roughly 2-3 clicker questions per lecture. A maximum of five percentage points will be added to your grade for excellent clicker participation. Make sure to register your iClickers, instructions provided here:

<https://oit.colorado.edu/tutorial/cuclickers-iclicker-remote-registration>

Tentative Course Outline

Week	Content	Announcements
Week 1, Jan 14	CH 1, 2	R day on Fri
Week 2, Jan 21	CH 12, 13	No class Mon, R assign 1 due Fri
Week 3, Jan 28	CH 14, 3	R day on Fri
Week 4, Feb 4	Expectation & CH 8, 9	R assign 2 due Wed
Week 5, Feb 11	Midterm 1 on Friday	
Week 6, Feb 18	Estimation & CH 15	
Week 7, Feb 25	CH 16, 17	R day on Wed
Week 8, March 4	CH 18, 20	R assign 3 due Wed, R day on Fri
Week 9, March 11	Midterm 2 on Friday	R assign 3 due Wed
Week 10, March 18		

Religious Observance Policy: Campus policy regarding religious observances requires that faculty make every effort to reasonably and fairly deal with all students who, because