

# ECON 3818: Intro to Statistics with Computer Applications

MWF 11:00-11:50

Room: DUAN G131

**Instructor:** Nicole Mundt

**E-mail:** nicole.mundt@colorado.edu

**Office:** ECON 414

**Office Hours:** Monday 1:00-2:00, 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](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

## Grading

10% Homework	20% Midterm 1
10% Recitation	20% Midterm 2
10% R Exercises	30% Final Exam

**Homework:** There will be weekly homework assignments assigned through the Sapling website. These will be due by 5 pm every Friday. You can access assigned homework problems through <http://www.saplinglearning.com/ibiscms/> and using code "mundt". No late homework will be accepted. The two lowest homework grades will be dropped.

**Recitation:** Recitation attendance is mandatory. Not only will your grade in recitation account for 10% of your final grade in the course, but there will be material provided in recitation that is crucial for success in the course. Your TA is PhD student Kevin Starnes, refer to his syllabus to see how recitation grades are determined.

**R Exercises:** There will be five simple R assignments and one data project throughout the semester. We will work on these assignments in class the week before its due.

**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, Aug 27	Chapters: 1, 2	
Week 2, Sept 3	Chapters: 12, 13	<b>No class Monday</b> , R assignment 1 due Wed
Week 3, Sept 10	Chapters: 14, 3	
Week 4, Sept 17	Chapters: 8, 9	R assignment 2 due Wed
Week 5, Sept 24	Chapters: 15	<b>Midterm 1 on Friday</b>
Week 6, Oct 1	Chapters: 15	
Week 7, Oct 8	Chapters: 16, 17	
Week 8, Oct 15	Chapters: 17, 18	R assignment 3 due Wed
Week 9, Oct 22	Chapters: 20	
Week 10, Oct 29	Chapters: 20, 21	<b>Midterm 2 on Friday</b>
Week 11, Nov 5	Chapters: 22, 23, 4	R assignment 4 due Wed
Week 12, Nov 12	Chapters: 4, 5	
Week 13, Nov 19	<b>Thanksgiving Break</b>	<b>No class this week</b>
Week 14, Nov 26	Chapters: 6, 25	R project due Friday (5pm)
Week 15, Dec 3	Chapters: 27, 29	
Week 16, Dec 10	Chapters 27, 29	R assignment 5 due Wed
Finals Week, Dec 16		<b>Final Exam: Sun, Dec 16 7:30-10:00</b>

### University Policies

**Students with Disabilities:** If you qualify for accommodations because of a disability, please submit to me a letter from disability services in a timely manner so that your needs can be addressed. Disability services determine accommodations based on documented disabilities. Contact: 303-492-8671, Center for Community N200.

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