

ECON 3818-100
Introduction to Statistics with Computer Applications
Spring 2009

Instructor: Dan Hickman

Class Meetings: MWF 1:00-1:50, CLRE 207

Email: daniel.hickman@colorado.edu

Office: Econ 313

Office Hours: Wednesdays 11-1, Thursdays 11-12:30, and by appointment

Course Websites: <https://webfiles.colorado.edu/hickmand>
This is my website where you will go to find general information and updates.

<http://www.coursecompass.com/>

Course ID: hickman54976

This is the website that accompanies the textbook we will use.

You will go here to complete your homework assignments and to find study and review materials.

NOTE: enter Access codes in ALL CAPITAL LETTERS when registering for CourseCompass.

Teaching Assistant: Justin Bucciferro
justin.bucciferro@colorado.edu

Recitations: 111 4:00-4:50 M CLUB 13
112 9:00-9:50 M HUMN 1B45
113 5:00-5:50 M CLRE 302

Course Description:

This course is designed as an introduction to statistics and econometrics. For many of you, this may be your first course in statistics. As a result, one of the main goals of the course is to cover a broad range of concepts and techniques, as well as applications of these concepts. We will make use of Microsoft Excel at various points throughout the course; however, this class is primarily a statistics course, not a computer applications course.

Prerequisites:

Econ 1000 or 2010-2020 and Econ 1078-1088 or equivalent math courses

Textbook:

Intro Stats (3rd Edition) by De Veaux, Velleman, and Bock. This can be purchased from the bookstore and will come with an access code for the course compass website. Alternatively, you can buy an “electronic version” of the book at a lower price (around \$65) and get access to the website as well.

Technical Requirements:

We will use Microsoft Excel, which is available in all campus computer labs, including the one in the basement of the Economics building. You may find a graphing calculator (such as TI-83 or 84) useful, but I am not going to require that you have one. You will want some form of calculator (NOT a cell phone) for the exams.

Grading:

The grades for the course will be based on the standard scale:

93-100%	A	73-76%	C
90-92%	A-	70-72%	C-
87-89%	B+	67-69%	D+
83-86%	B	63-66%	D
80-82%	B-	60-62%	D-
77-79%	C+	below 60%	F

Your grade will come from the following breakdown:

Problem Sets - 10%

- These problem sets will be completed online approximately once a week. Depending on how many we have, I will drop your lowest 1 or 2 scores.

Recitation - 10%

- Your recitation score is determined by the teaching assistant. I reserve the right to curve these scores as necessary.

Midterm Exam 1 (Friday February 13th) - 20%

Midterm Exam 2 (Wednesday March 18th) - 20%

Final Exam (Saturday May 2nd 1:30-4:00pm) – 40%

- This exam will be cumulative

NOTE: I will provide you with a list of formulas for the exams. I will let you know before each exam which formulas will be provided.

Tentative Course Schedule: (Subject to Change)

Part	Topic	Weeks	Chapters
I	Understanding and Exploring Variables	1-2	1-6
II	Probability and Random Variables	3-5	14-17
-	Midterm Exam 1	Friday 2/13	-
III	Sampling	6	11-13
IV	Inferential Statistics	7-10, 12	18-25
-	Midterm Exam 2	Wednesday 3/18	-
-	Spring Break	11	-
V	Relationships Between Variables, Regression	13-15	7-10, 26-27
-	Final Exam Review	16	-
-	Final Exam	Saturday May 2nd 1:30-4:00 p.m.	-

Honor Code:

All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code Council (honor@colorado.edu; 303-725-2273). Students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non academic sanctions (including but not limited to university probation, suspension, or expulsion). Other information on the Honor Code can be found at <http://www.colorado.edu/policies/honor.html> and at <http://www.colorado.edu/academics/honorcode/>

Expectations of Classroom Behavior:

Students and faculty each have responsibility for maintaining an appropriate learning environment. Students who fail to adhere to behavioral standards may be subject to discipline. Faculty have the professional responsibility to treat students with understanding, dignity and respect, to guide classroom discussion and to set reasonable limits on the manner in which students express opinions.

See policies at

<http://www.colorado.edu/policies/classbehavior.html> and at http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_code

Absences:

Campus policy regarding religious observances requires that faculty make every effort to reasonably and fairly deal with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. Please notify me as soon as possible so that the proper arrangements can be made. Students can see full details at

http://www.colorado.edu/policies/fac_relig.html

Disabilities Statement:

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 may be addressed. Disability Services determines accommodations based on documented disabilities. Contact: 303-492-8671, Willard 322, and

<http://www.Colorado.EDU/disabilityservices>.

Time extensions for exams must be approved by me prior to the exam. If you have not talked to me personally prior to the exam you will not be granted an extension.

Disability Services' letters for students with disabilities indicate legally mandated reasonable accommodations. Other letters/requests you may receive from agencies such as the Wardenburg Student Health Center, or other health providers, such as physicians or counselors, are recommendations you may choose to follow to assist students but are not necessarily legal mandates. The syllabus statements and answers to Frequently Asked Questions can be found at

<http://www.colorado.edu/disabilityservices>