

# ECON 3818-100

## Introduction to Statistics with Computer Application

### Summer 2010

**Instructor:** Megumi (Meg) Nishimura  
PhD candidate (Graduate student)  
Research Interests: International Trade, Industrial Organization

**Class Meeting Times:** MTWRF 2:30-4:05 PM @ BESC 185

**Office Location:** ECON 309A

**E-mail:** [Megumi.Nishimura@colorado.edu](mailto:Megumi.Nishimura@colorado.edu)

**Class Website:** <https://culearn.colorado.edu>

**Office Hours:** Monday & Thursday 4:20-5:20 PM & By Appointment

**Teaching Assistant:** Mr. Scott Hiller

**E-mail:** [randall.hiller@colorado.edu](mailto:randall.hiller@colorado.edu)

**Recitations:**

101	11:00-12:20	M&W	ECON	205
102	11:00-12:20	T&R	GUGG	2

**Course Description and Objectives:**

We will use **Microsoft Excel** to analyze data. But, users of **Office 2009 for Mac** cannot use some functions other users can use. Therefore, **we will use computers only few times**. [If you use **Office 2009 for Mac**, you will be asked to use computers in the university to do homework ]

This course will mainly focus on **the basic statistical concepts and statistical theories** rather than the computer applications.

To succeed in the course, you will need to keep up with all of the work (lecture, recitation, and homework, etc.).

**Textbook:**[Required]

**David S. Moore** *The Basic Practice of Statistics*, 5<sup>th</sup> Edition

(It is OK to buy 4<sup>th</sup> edition)

**Prerequisites:**

ECON 1000 or 2010-2020 & 1078-1088 or MATH 1300 or MATH 1310 or MATH 1081 or MATH 1080, 1090 & 1100 or APPM 1350 or Equivalent.

**Technical Requirements:**

We will use Microsoft Excel. It is available in all campus computer labs, including the lab in the basement of Economics department.

**A clever calculator** is necessary for this course. You need a calculator, which can compute **Power, Factorial, and Square Root** .

[You can use a graphing calculator in exams.]

**Grading:**

<b>Midterm Exam 1:</b>	<b>15% [Monday, June 14]</b>
<b>Midterm Exam 2:</b>	<b>20% [Friday, June 25 ]</b>
<b><u>Homework+ In-class Assignments</u></b> (Only two to four pieces of homework will be given, but Many In-class assignments will be given)	<b>15%</b>

<b>Score</b>	<b>Grade</b>	<b>Score</b>	<b>Grade</b>
<b>93- 100 %</b>	<b>A</b>	<b>73- 76.99 %</b>	<b>C</b>
<b>90- 92.99 %</b>	<b>A -</b>	<b>70- 72.99 %</b>	<b>C -</b>
<b>87- 89.99 %</b>	<b>B +</b>	<b>67- 69 .99%</b>	<b>D +</b>
<b>83- 86.99 %</b>	<b>B</b>	<b>63- 66 .99%</b>	<b>D</b>
<b>80- 82.99 %</b>	<b>B -</b>	<b>60- 62 .99%</b>	<b>D-</b>
<b>77- 79.99 %</b>	<b>C +</b>		

## **General Policies**

- 1 No make-up exam, make-up quiz, or make**

### Tentative Course Schedule

The following schedule is subject to change. Since exam dates are fixed, they will cover only the material that has been finished.

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**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 ([horror@colorado.edu](mailto:horror@colorado.edu); 303-725-2273). Students who are found to be in violation of the academic integrity policy will be sutio-