ECON 3818-100
Introduction to Statistics with Computer Applications
Summer 2007

Instructor: Jessica Vechbanyongratana, M.A.
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Course Meetings: MTWRF 9:15 – 10:50am GUGG 205

Recitation: Section 101 MW 11:00 – 12:20pm EDUC 132
Section 102 TR 11:00 – 12:20pm GUGG 2

Office Hours: MTWR 11:00am – 12:00pm

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, 4th edition by David S. Moore (required)

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.

You must have a two variable graphing calculator that has functions for correlation, mean, standard deviation, and least squares regression line. **The TI-83 calculator is *strongly* recommended.** This calculator will be necessary for in-class exercises as well as for exams.

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

93.00 – 100.0 % = A; 90.00 – 92.99 % = A-;
88.00 – 89.99 % = B+; 83.00 – 87.99 % = B; 80.00 – 82.99 % = B-;
78.00 – 79.99 % = C+; 73.00 – 77.99 % = C; 70.00 – 72.99 % = C-;
68.00 – 69.99 % = D+; 63.00 – 67.99 % = D; 60.00 – 62.99 % = D-;
0.00 – 59.99% = F

<u>Policies:</u>

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

Class Attendance:
Since this class is a condensed five-week math course, regular class attendance and participation is imperative. Therefore, there are two important attendance policies in this class:
1) I will offer 3% extra credit to students who attend every lecture. This will be the only extra credit opportunity for this class.
2) Students who miss 5 class sessions or more will receive a failing grade.

Cell Phones, Laptops, Newspapers and Other Class Distractions:
Please turn off all cell phones and other electronic devices that may disrupt the class. Disruptive electronics and behavior will not be tolerated. Disruptive behavior includes, but is not limited to, reading the newspaper or a magazine, working on your laptop, working on homework or reading for other classes, talking to classmates, listening to headphones, text messaging your friends, etc.

Disability Statement:
If you qualify for accommodations because of a disability please submit a letter to me from Disability Services in a timely manner so that your needs may be addressed. Disability Services determines accommodations based on documented disabilities (303-492-8671, Willard 322, www.colorado.edu/disabilityservices).

Religious Observance Policy:
Campus policy regarding religious observances require that faculty make every effort to reasonable and fairly deal with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. If you have a conflict, please contact me at the *beginning* of the semester **(no later than June 6th)** so that we can make arrangements. The full text of the Boulder campus policy can be read on the web at http://www.colorado.edu/policies/fac_relig.html"

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 and those students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member involved and non-academic sanctions given by the Honor Code Council (including but not limited to university probation, suspension, or expulsion).

Please refer to www.colorado.edu/honorcode to view the specific guidelines. If you have any questions related to this policy, please contact the Honor Code Council at honor@colorado.edu.