Spring 2007    **ECON 3818-200: Intro to Statistics with Computer Applications**

Instructor:    Nikolay Dobrinov
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               Room #414
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Class website:   We will use WEBCT/CU Learn for our class website. All materials will be posted there.

Class Schedule: Lectures: TR/ 5:00 – 6:15 / HALE 230
               Recitations: TA      to be determined  (TBD)
                       Email: TBD

| Section | Time | Day | Place |
|---------|------|-----|-------|
| 211 | 4:00 – 4:50 | Thu | CHEM 133 |
| 212 | 12:00 – 12:50 | Wed | MUEN D439 |
| 213 | 2:00 – 2:50 | Wed | ECON 13 |

Office Hours:   TBD;
               If none of these times works for you and you want to meet me, talk to me or send me an email and we will arrange to meet.

Textbook:      Statistics for Business and Economics
               David R. Anderson   Dennis J. Sweeney   Thomas A. Williams (ASW)
               South-Western College Pub
               ISBN: 032420082X

               **Please note:**

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| Course Objectives: | This course is an introduction to statistical and econometric methods for economics and business students. For most of you this will be your first course in statistics. For this reason two thirds of the course we will spend mastering the most fundamental concepts and techniques in statistics: descriptive stats; sampling data from population; inference about the population based on the data from the sample; basic probability techniques and most used probability distributions. The rest one third of the course will be a detailed introduction to regression, the widely used technique to study relationships between phenomena. Though all techniques taught in this course are general and applicable in all areas of study, most of the applications we will look at in this class will be related to solving problems in economics (most of the time) or business. |
| Prerequisites: | Most important prerequisites for this class are ECON1078 and ECON1088 or equivalent level math courses. Understanding derivatives is necessary. This course does not have the level of technical difficulty of more advanced statistics and econometrics courses. However, the large range of topics covered can make this course challenging. |
| Attendance: | Attendance for this class is mandatory. Daily attendance will be taken in both class and recitation beginning the second class meeting and the first recitation. In order to receive a passing grade in the course, you must attend a minimum of 80% of the lectures and 80% of the recitations. A signing sheet will be circulated during each class and recitation meeting. It is your responsibility to make sure that you have signed in by the end of class and recitation. |
| Assignments: | There will be graded assignments supplementing each chapter. Most problems will be taken from the text. The graded assignments will be due Tuesdays or Thursday in class. Please refer to the file "HWschedule.pdf", where I will regularly post due dates for each homework. Due dates depend on how fast we cover material in class, so I can not determine all due dates in the beginning of the semester. You will also receive regular emails with homework due dates. It is your responsibility to check your email. Each homework will be collected from every student, but for a given homework only certain problems or parts of problems will be graded. It is your responsibility to complete all problems within an assignment. |
| Recitations: | Recitations start second week of classes. Your TA will determine the contents and the rules for the recitation. The recitations will mainly serve as times for you to practice and ask questions. |
| Regression Project: | The regression project is a project that requires you to exercise your skills on techniques covered in ch.14, ch.15, and ch.16. We will discuss the project in more detail after the second midterm. You will be allowed to complete the project in groups of maximum 4 students, and consequently submit the assignment together. You can also work on the project alone. You will have to use SAS to complete the assignment. |
| | All files that you need for practice and for the graded assignment are posted on WEBCT/CU Learn in the folder " Ch.15 and Ch.16 Multiple Linear Regression / Homework". All directions and conditions are carefully explained in the file with the graded exercise, named "NFL or Unemployment ch.15_16". Read carefully. |
| | Take this project seriously. I will be more demanding when grading this project than when I am grading your SAS HWs. I will look at both technical approach, results and interpretation, as well as organization of report and writing style. |
| | Start working on the assignment earlier as it may take you a whole day or two to do the calculations and write a good report. A good time for a first meeting of each group will be probably at least two weeks before the end of the semester. Sit down and discuss what will be the question you want to study and how you will approach the available data. |
| | I will also require you to submit an electronic copy of your report. |

Exams:        You will have two midt

University of Colorado Policies (please read carefully):

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 www.Colorado.EDU/disabilityservices

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. In this class, {{insert your procedures here}} Students can see full details at http://www.colorado.edu/policies/fac_relig.html

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 polices at
http://www.colorado.edu/policies/classbehavior.html  and at
http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_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/

The University of Colorado Policy on Sexual Harassment applies to all students, staff and faculty.  Sexual harassment is unwelcome sexual attention.  It can involve intimidation, threats, coercion, or promis