MA 116 (Summer ’03)


Topics to be covered: Revision of the Confidence interval procedures and hypothesis testing from chapters 11 and 12 (about one week). After that we will cover Tests for proportion and categorical data analysis (chapter 14, about \( \frac{1}{2} \) week), ANOVA (Chapter 15, about \( 1 \frac{1}{2} \) weeks), Regression (chapter 16 and 17, \( 1 \frac{1}{2} - 2 \) weeks) and Nonparametric tests (chapter 18, \( \frac{1}{2} - 1 \) week). Lastly some basic SAS commands, and its implementation in regression, ANOVA and hypothesis testing.

Homeworks, Assignments, Exams and Grading: Homeworks will be assigned every day after the class and it will be also posted in my webpage. I will not collect Homeworks. But based on the homework problems we will have two take home assignments every week. Monday’s assignment should be handed in on Wednesday and Thursday’s assignment on following Monday. After first two week’s class we will have our First Exam, in order to understand your understanding in the class. The second exam will be at the the end of fourth week. These exams are not cumulative. At the end of the summer we will have a Final Exam which is cumulative. Assignments should be done individually.

Something New: I will sometimes introduce Extra Credit Problems in the assignments and in the Exams. They will be relatively hard. To raise you grade you can try to solve them. Remember that they are not compulsory. But it will be fun.

Distribution of Points: Assignments will be 30 percent of the total grade. Two Exams will be 40 percent of the total grade. Final exam will be 30 percent.

Downloading Assignments: Assignments will be posted in net on Monday’s and Thursday’s. You have to download them and start working on them. My web address is http://math.bu.edu/people/pseal

Make-up Exams: I have an absolutely firm policy of not giving make-up exams. If you miss an exam, then you must provide an acceptable,
written excuse for your absence or you will receive a grade 0. A valid reason for missing an exam would be something serious like illness (not a slight cold) or a family emergency. Neither poor preparation nor sleeping through an exam are acceptable. If possible (particularly if you want to be sure that your excuse is an acceptable one), contact me before missing an exam.

**Academic Conduct:** Your work and conduct in this course are governed by the CAS Academic Conduct Code. This code is designed to promote high standards of academic honesty and integrity as well as fairness. Copies of the code are available in CAS Room 105, and it is your responsibility to know and follow the provisions of that code. In particular, all work that you submit in this course must be your original work. For example, the computations that you do for your group projects as well as the text of your reports must be original to your group, and all group members are responsible for all aspects of the group projects. Any cases of suspected academic misconduct will be referred to the CAS Student Academic Conduct Committee.

**Attendance:** Summer courses are very short. I recommend all of you to attend all classes. Assignments and Exams will be based on the material that I will teach in the class.

**Office hours, Ph.No and email:** Office: MCS 256 Office Hours: M – 1.30 pm to 2.30 pm. R – 1.30 pm to 2.30 pm. Office Phone: 353 – 5287. **Email:** pseal@math.bu.edu. I prefer emails than phone calls. So please mail me if you have questions regarding the course. Thanks!