

ST 445
Introduction to Statistical Computing and Data Management
Spring 2008
Syllabus

Texts: Frank C. DiIorio, *SAS Applications Programming*, Duxbury Press, 1991.
SAS Institute, *Step-By-Step Programming with Base SAS Software*, 2001.

This course will cover the mechanics of converting data from whatever form it may arrive and preparing it for processing by statistical software. A substantial portion of this course will be spent in learning SAS programming, especially the DATA step. This class will regularly meet in SICL, and the computing facilities will permit regular hands-on activities.

The corequisite for this course is ST 302, but further training will help in providing a perspective on why we may want to prepare the data in a particular fashion.

The course had also been designated as the writing course for the Statistics curriculum. While in the past this course has required a project, I will make a few writing assignments. These assignments will be typical tasks in this area -- most likely brief reports, unless I can come up with a better idea.

Homework, including programming and writing, will be assigned from time to time and will count for about one half of the final grade. There will likely be 2 quizzes during the semester, each counting for about 15% of the final grade. The quizzes will be in-class and closed book. The final will likely count about 20% of the final grade.

Auditors must earn a respectable D to gain recording of this course.

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