Statistics 624: Statistical Computing
TTh 8:00-9:15 am, 299 TMCB
Fall 2007

Prerequisite: Instructor Approval

Instructors: C. Shane Reese & Scott D. Grimshaw
208 TMCB, ph: 422-9250
`reese@stat.byu.edu, grimshaw@byu.edu`

Office Hrs.: 9:30 - 11:00 am TTh

Graders: TBA

Optional Materials:
- *Bayesian Statistical Modelling* (2001), Congden.

Website: Check `http://madison.byu.edu/st624.html` for course announcements and homework assignments.

Policies:
- Students are expected to follow University policies (including dress and grooming, and the Honor Code) when attending class.
- Coordinate scheduling conflicts with the instructor in advance.

Grades: Homework: 40%, Midterm: 20%,
Project: 20%, Final: 20%

Grading Scale

A	94-100	A-	90-93.9	B+	87-89.9
B	83-86.9	B-	80-82.9	C+	77-79.9
C	73-76.9	C-	70-72.9	D+	67-69.9
D	63-66.9	D-	60-62.9	E	0-59.9

Class Preparation: You need to read the material in the text prior to the lecture in which it is covered. If a lecture is missed, you can obtain copies of notes from fellow students.

Labs: Periodically through the semester we will have lab sessions where you will work on computer code and mini-project assignments.

Homework: Your name & assignment number must be written on top of the first page of each homework set to receive credit.

Preventing Sexual Harassment BYU's policy against sexual harassment extends not only to employees of the university but to students as well. If you encounter sexual harassment or gender based discrimination, please talk to your professor, contact the campus Equal Employment Office at 422-5895, or contact the Honor Code Office at 422-2847.

Students With Disabilities BYU is committed to providing reasonable accommodation to qualified persons with disabilities. If you have any disability that may adversely affect your success in this course, please contact the Services for Students with Disabilities Office at 422-2767. Services deemed appropriate will be coordinated with the student and instructor by that office.

Tentative Schedule

Date	Topic
Sep 4	Introduction
Sep 6	Unix/Mac Tutorial
Sep 11	R
Sep 13	R
Sep 18	R
Sep 20	LaTeX
Sep 25	C
Sep 27	C
Oct 2	C
Oct 4	Inverting Matrices
Oct 9	Inverting Matrices
Oct 11	Inverting Matrices
Oct 16	Inverting Matrices
Oct 18	Simulation
Oct 23	Simulation
Oct 25	Simulation
Oct 30	Simulation
Nov 1	Iterative Estimation
Nov 6	Iterative Estimation
Nov 8	Iterative Estimation
Nov 13	Iterative Estimation
Nov 15	Midterm Examination
Nov 27	Advanced Topics
Nov 29	Advanced Topics
Dec 4	Advanced Topics
Dec 6	Advanced Topics
Dec 11	Advanced Topics
Dec 13	Advanced Topics