

Stat 511 Spring 2004

Instructor : Prof. Stephen Vardeman
304-D Snedecor Hall
vardeman@iastate.edu
<http://www.public.iastate.edu/~vardeman/>

Phone: 294-2535
Fax: 294-5040
Office Hours: 2:30 MWF

Assistant: Norma Leyva-Estrada
312 Snedecor Hall
nleyva@iastate.edu

Phone: 294-2227
Office Hours: 10 TR

Textbook: *Linear Models in Statistics* by Rencher

Other Useful Books: *Applied Linear Statistical Models* (4th Edition) by Neter et al.
Plane Answers to Complex Questions (3rd Edition) by Christensen
Modern Applied Statistics with S by Venables and Ripley

Class Schedule: 10 MWF 013 Curtis (please try to hold this hour open even if you are in the 11 AM section)
11 MWF 208 Curtis

Final Exam: 9:45-11:45 Wednesday May 5th

Course Grading:

Exam 1	25%	(2/23/04 7-9 PM E0164 Lagomarcino)
Exam 2	25%	(4/7/04 7-9 PM E0164 Lagomarcino)
Final Exam	40%	(5/5/04)
Homework	10%	

Schedule: Vardeman will be out of town 3/3/04 and this class will be made up by NOT canceling the lecture on 2/23/04 (the day of the first exam). There will be no lecture 4/7/04 in honor of the second evening exam.

Homework: Homework will be due on Fridays, at 5 PM at the TA's office. Copies of the assignments and solutions will be posted on the course homepage

<http://www.public.iastate.edu/~vardeman/stat511/stat511.html>

You may ask Vardeman (or Norma) for (limited) help with the assignments. And you may discuss the homework with fellow students. But each individual must independently write up his or her own assignments for turning in. **This is an integrity issue.** Do not copy what someone else has written and turn it in as your own. Do not use someone else's R code.

Computing: Anything that Vardeman provides in the way of either directions for computing or output for examples or exam problems will be in R (an open-source implementation of S). There is a link to the R web page on the course homepage. The software is available on the machines in 321 Snedecor, and you personally may download it for free. It will be fundamentally your own responsibility to learn how to use R. (This will not be the subject of much, if any, class discussion). A link on the main R web page will take you to on-line manuals, and in particular to "An Introduction to R." If you are not familiar with R, you should read through that document, play around with the software, and quite possibly work through the "A Sample Session" part of the document during the first week of class.