

# Statistics 480

## Spring 2003

Lecture: TR 11–12:15am in Mol Bio 1420 (alternates: 307, 321, or 322 Sned)  
Instructor: Dr. W. Robert Stephenson Email: wrstephe@iastate.edu  
Office: 327 Snedecor Phone: 294-7805  
Office Hours: MWF 10-10:50, TR 2:10-3 (other times by appointment *only*)

### Required

1. Stat 231 or 328 or 401, ComSci 103
2. A Project VINCENT userid/email address.

### Topics to be covered

- Data coding, data entry and checking data for errors.
- Transferring data between computing systems and analysis programs.
- Statistical analysis packages and spreadsheets (Minitab, JMP, Excel).
- Simulation.
- Macro and scripting languages and programming.
- Reliability statistical software packages.
- Statistics on the World Wide Web (Data, JAVA Applets, etc.)

### Emphasis

The course is intended for undergraduate Statistics majors and minors; however, others may also benefit from the topics covered. Class members should view themselves as “statistical consultants in-training.” Work will be graded on *attention to detail* and *clear communication* as well as for correctness. One of your primary goals in this course should be to improve your ability to clearly and concisely communicate statistical ideas and conclusions.

### Grading

Exam 1 (Tentative: Feb 26)	20%
Exam 2 (Tentative: April 9)	20%
Projects/Presentations/Hmwks	60%

### Course Information

- Some class periods will be treated as labs. For these classes we will meet in either 307, 321, or 322 Snedecor.
- The course web page is located at <http://www.public.iastate.edu/~wrstephe/stat480/>.