

**SECTIONS 101**

**STATISTICS 454**

**FALL 2000**

**Text:** An Introduction to Statistical Methods and Data Analysis  
R. Lyman Ott

**References:** STAT 432 Notes  
SAS/STAT Users' Guide Vol. 1, 2  
SAS Applications Programming, A Gentle Intro (DiIorio)  
Learning SAS in the Computer Lab (Elliott)

**Syllabus:** Parts 1-3, Part 5, 6,  
Chapters 13-14, 19, 20

**Instructor:** Nagaraj K. Neerchal, Ph.D.  
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**Lecture Hours:** Mon & Wed; 7:00pm-8:15pm SS 208.

**SAS Lab Hours:** TBA as needed.

**Office Hours:** Mon & Wed 6:00pm-7:00pm; By Appt.

### Grading Scheme

<b>Homework</b>	<b>Weekly</b>	10%
<b>Projects</b>		20%
<b>Exam I</b>	<b>Nov 8</b>	25%
<b>Exam II</b>		25%
<b>Final Project</b>	<b>Dec 18</b>	20%

### Course Objectives

1. Using standard statistical methods to analyze data.
2. Learning basics of SAS and using it as a tool in analyzing data.
3. Reporting results of a data analysis project to non-statistical audience.

## Notes

1. Turning homework and projects late will lead to loss of points.
2. Exam dates are tentative and changes will be announced in the class.
3. Several projects will be assigned involving use of SAS. Project reports should be typewritten with only appropriate parts of computer output attached. Read Chapter 20 for pointers on writing a project report.
4. Designated statistical software for this class is SAS. All data analysis assignments should be attempted in SAS. Please, get an account in a machine running SAS and e-mail your electronic address to me so that I can add you to my class mailing list. You may use SAS either on UNIX or PC. I will hold SAS labs in a PC-Lab.