Social Studies 201

General Methods of Statistics

Fall 2003

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Office hours: Monday, 1:30-2:30, Thursday, 9:00 - 10:00, or by appointment

Class hours: Monday, Wednesday, Friday, 10:30 - 11:20, CL435

Labs: Tuesday, 8:30 - 9:45, 10:00 - 11:15 and 11:30-12:45, CL109

Texts

- Paul Gingrich, *Introductory Statistics for the Social Sciences*, Parts 1 and 2

- Handouts to be provided in class

Grading

Problem sets	40%
Midterm exams	30%
Final exam	30%

All examinations are open book.

Accommodation and University Policies. See attached sheet "Faculty of Arts Announcements Fall 2003."

Calculator

Each student should have a calculator with the ordinary arithmetic functions and a square root button. A calculator having one or more memories will prove useful for some statistical problems, but the memories are not essential.

Computer

This semester we will be using a statistical program called SPSS. You will learn how to work with this program in the Tuesday labs that meet in CL109. Several computer based problems will be assigned during the semester. The grade for these will be included as part of the 40% of the grade for the problem sets.

Course Outline

The chapter numbers in this outline refer to the chapters in *Introductory Statistics for the Social Sciences.*

Week of:	**Topic**:	**Chapter**:
September 3	Introduction	Ch. 1
September 8	Data Production and Measurement	Ch. 2-3
September 15	Frequency Distributions	Ch. 4
September 22	Measures of Central Tendency	Ch. 5
September 29	Measures of Variation	Ch. 5

First Midterm — October 3

October 6	Probability	Ch. 6
October 15	Normal Distribution	Ch. 6
October 20	Sampling Distributions	Ch. 7
October 27	Estimation	Ch. 8

Second Midterm — November 3

November 5	Estimation and Sample Size	Ch. 8
November 10	Hypothesis Tests	Ch. 9
November 17	Hypothesis Tests	Ch. 9
November 21	Chi Square Tests	Ch. 9
December 1	Review	Ch. 10

Final examination from 9:00 a.m. to 12:00 noon, December 10