Social Studies 201
General Methods of Statistics
Winter 2004

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Office hours:	Monday, 1:00-2:00, Wednesday, 11:30 - 12:30, or by appointment
Class hours:	Monday, Wednesday, Friday, 10:30 - 11:20, CL410
Labs:	Tuesday, 8:30 - 9:45 and 10:00 - 11:15, CL109
	Thursday 10:00 - 11:15, 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 Winter 2004."

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 and Thursday 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**:
January 5	Introduction	Ch. 1
January 12	Data Production and Measurement	Ch. 2-3
January 19	Frequency Distributions	Ch. 4
January 26	Measures of Central Tendency	Ch. 5
february 2	Measures of Variation	Ch. 5

First Midterm — February 4

February 9	Probability	Ch. 6
February 16	Mid-term break	
February 23	Normal Distribution	Ch. 6
March 1	Sampling Distributions	Ch. 7
March 8	Estimation	Ch. 8

Second Midterm — March 17

March 15	Estimation and Sample Size	Ch. 8
March 22	Hypothesis Tests	Ch. 9
March 29	Hypothesis Tests	Ch. 9
April 5	Chi Square Tests	Ch. 10

Final examination from 9:00 a.m. to 12:00 noon, April 21