Social Studies 201

Statistics for the Social Sciences

Fall 2004

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Office hours:	Monday, 1:30-2:30; Thursday, 11:00 - 12:00; or by appointment
Class hours:	Monday, Wednesday, Friday; 9:30 - 10:20, 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%
First midterm exam – October 6	15%
Second midterm exam – November 8	15%
Final exam – December 13	30%

All examinations are open book.

Accommodation and University Policies. See attached sheet "Faculty of Arts Announcements Fall 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 Statistical Program for the Social Science (SPSS). You will learn how to work with SPSS 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. Approximate dates associated with each section. The chapter numbers in this outline refer to the chapters in *Introductory Statistics for the Social Sciences*.

Week of:	**Topic**:	**Chapter**:
September 8	Introduction	Ch. 1
September 13	Data Production and Measurement	Ch. 2-3
September 20	Frequency Distributions	Ch. 4
September 27	Measures of Central Tendency	Ch. 5
October 4	Measures of Central Tendency	Ch. 5

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First Midterm — October 6

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October 13	Measures of Variation	Ch. 5
October 18	Probability	Ch. 6
October 25	Normal and sampling distributions	Ch. 7
November 1	Estimation	Ch. 8
November 8	Estimation and Sample Size	Ch. 8

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Second Midterm — November 8

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November 15	Hypothesis Tests	Ch. 9
November 22	Hypothesis Tests	Ch. 9
November 29	Chi Square Tests	Ch. 10
December 6	Review	

Final examination from 9:00 a.m. to 12:00 noon, December 13