Social Studies 201

Statistics for the Social Sciences

Fall 2006

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Office hours:	Monday, 1:30-2:30, Wednesday, 11:30 - 12:30, or by appointment
Class hours:	Monday, Wednesday, Friday, 10:30 - 11:20, CL431
Labs:	Thursday, 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 13	15%
Second midterm exam – November 17	15%
Final exam – December 13	30%

All examinations are open book.

Prerequisite. Any 100-level course in the Social Sciences. Students may not receive credit for both SOST 201 and STAT 151.

Accommodation and University Policies. See attached sheet "Faculty of Arts Academic Announcements Fall 2006."

Calculator. Each student should have a calculator with the ordinary arithmetic functions and a square root function. A calculator having one or more memories is 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 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

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 11	Introduction, Data Production	Ch. 1-2
September 18	Measurement	Ch. 3
September 25	Frequency Distributions	Ch. 4
October 2	Measures of Central Tendency	Ch. 5
October 9	Measures of Variation	Ch. 5

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First Midterm — October 13

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October 16	Probability	Ch. 6
October 23	Normal and sampling distributions	Ch. 7
October 30	Estimation	Ch. 8
November 6	Estimation and Sample Size	Ch. 8
November 13	Hypothesis Tests	Ch. 9

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Second Midterm — November 17

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November 20	Hypothesis Tests	Ch. 9
November 27	Chi Square Tests	Ch. 10
December 4	Review	

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