Psychology 2101 - 200: Statistics and Research Methods
Spring 1990

Instructor: Carey S. Ryan
Muenzinger D351B
492-5618
Office Hours: Tuesday, 10:00 a.m. - 12:00 and by appointment

Lectures: Tuesday and Thursday, 12:30 - 1:45, BPSY 0046

Labs:
L210 Monday 11:00 - 12:50 BPSY E130
L211 Tuesday 2:00 - 3:50 BPSY E118
L212 Wednesday 11:00 - 12:50 MUEN D439
L213 Thursday 2:00 - 3:50 ECCR 1-24
L214 Friday 9:00 - 10:50 BPSY E113

Textbooks:


Additional readings will be taken from:

Course Requirements:
1) There will be weekly homework assignments. No late homeworks will be accepted. Your two lowest homework grades will be dropped.

2) Short quizzes will be given throughout the semester. THERE WILL BE NO MAKE-UP QUIZZES. Your lowest quiz grade will be dropped.

3) There will be two midterm exams. The first one will be on Feb. 22; the second on April 12.

4) The final comprehensive exam will be given on Monday, May 14, 7:30 p.m. to 10:30 p.m.

Derivation of final grade:
Homeworks: 10%
Quizzes: 10%
First midterm exam: 20%
Second midterm exam: 20%
Final exam: 40%
Course Outline

Jan. 18  Introduction

Jan. 23-25  The scientific approach to the study of human behavior
            Kidder & Judd, Chapters 1 - 2

Jan. 30-Feb. 8  Descriptive Statistics
                Kidder & Judd, Chapter 13
                Welkowitz, Chapters 1 - 7

Feb. 13-20  Basic concepts of statistical inference
            The normal curve model
            Welkowitz, Chapter 8 - 9

Feb. 22  First midterm exam

Feb. 27-Mar. 1  Inferences about the mean of a single population
                Welkowitz, Chapter 10

Mar. 6-8  Inferences about the means of two populations
          Welkowitz, Chapter 11

Mar. 13-22  Correlation and Regression
            Welkowitz, Chapters 12 - 13

Mar. 26-30  Spring Break

Apr. 3-10  Power analysis
          Welkowitz, Chapter 14

Apr. 12  Second Midterm Exam

Apr. 17-May 3  Analysis of variance
               Welkowitz, Chapters 15 - 16

May 14  Final Exam 7:30 p.m. - 10:30 p.m.

Tentative Quiz Dates:

   Feb. 1
   Feb. 15
   Mar. 8
   Mar. 22
   Apr. 19
   May 3