Course: Psy240 M W F 9:40-10:40 A M
Instructor: Sharon Song, Ph.D. / Matthew Knapp (Teaching assistant)
Office: 603 Byrne Hall
Office Hours: Mondays 9:00-9:30 A M, 10:00-11:00 A M
Wednesdays 9:00-9:30 A M, and by appointment
Phone: (773) 325-7887 – Psychology Office
Email: ssong1@condor.depaul.edu
Web Page: www.depaul.edu/~ssong1/Home.html

Required text

Course Overview
Descriptive and introductory inferential statistics
Introduction to the use of SPSS for computing these statistics

Topics
Sept. 11 Introduction
What is Statistics? (Ch.1)

Sept. 13 Definitions and Scaling (Ch.2)
Sept. 16 Frequency Distribution (Ch.3)
Sept. 18 Graphing Data (Ch.4) / Problem Set I Due
Sept. 20 Summary, Review & Examples / Quiz 1
Sept. 23 Measures of Central Tendency (Ch.5)
Sept. 25 Measures of Dispersion & Standard Scores (Ch.6)
Sept. 27 Summary, Review & Examples / Quiz 2
Sept. 30 Probability (Ch.7) / Problem Set II Due
Oct. 2 Normal Distribution (Ch.8) / Quiz 3
Oct. 4 Summary, Review & Examples
Oct. 7 Confidence Intervals (Ch.9) / Problem Set III Due
Oct. 9 Hypothesis Testing (Ch.9)
Oct. 11 REVIEW FOR MIDTERM / Quiz 4 & Problem Set IV Due
Oct. 14 IN-CLASS MIDTERM
Oct. 16 RETURN & REVIEW MIDTERMS
Oct. 18 The t-test (Ch.10) / Quiz 5
Oct. 21 The t-test (Ch.10) / Problem Set V Due
Oct. 23 One Way ANOVA with Post Hoc Comparisons (Ch.11)
Oct. 25 One Way ANOVA with Post Hoc Comparisons (Ch.11) / Quiz 6
Oct. 28 Summary, Review & Examples / Problem Set VI Due
Oct. 30 Two Way ANOVA (Ch.12) / Quiz 7
Nov. 1 Two Way ANOVA (Ch.12) / Problem Set VII Due
Nov. 4 Correlation & Regression (Ch.13) / Problem Set VIII Due
Nov. 6 Correlation & Regression (Ch.13) / Quiz 8
Nov. 8 Chi-Square $\chi^2$ (Ch.14) / Quiz 9
Nov. 11 Chi-Square $\chi^2$ (Ch.14) / Problem Set IX Due
Nov. 13 Alternatives to t and F (Ch.15) / Problem Set X Due
Grading

Grades will be determined from a percentage of total points earned on a series of quizzes, exams and homework. There will be a total of 10 quizzes during the quarter worth 10 points each. The final exam will consist of the equivalent of six quizzes and is required. The lowest quiz score (not including the final exam) will be dropped. MAKE-UP QUIZZES WILL NOT BE GIVEN. There will also be a 50-point midterm. The following scale will determine final grades:

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>95.0%-100%</td>
<td>A</td>
</tr>
<tr>
<td>90.0%-94.9%</td>
<td>A-</td>
</tr>
<tr>
<td>87.5%-89.9%</td>
<td>B+</td>
</tr>
<tr>
<td>82.5%-87.4%</td>
<td>B</td>
</tr>
<tr>
<td>80.0%-82.4%</td>
<td>B-</td>
</tr>
<tr>
<td>77.5%-89.9%</td>
<td>C+</td>
</tr>
<tr>
<td>72.5%-87.4%</td>
<td>C</td>
</tr>
<tr>
<td>70.0%-82.4%</td>
<td>C-</td>
</tr>
<tr>
<td>65.0%-69.9%</td>
<td>D</td>
</tr>
<tr>
<td>Below 65.0%</td>
<td>F</td>
</tr>
</tbody>
</table>

Homework

Homework assignments are due as indicated. There are a total of ten problem sets that are worth 10 points each. Late penalties will be assessed for assignments turned in after the due dates, but extensions without penalty may be possible if arranged ahead of time.

Statistics Problems

The statistical problem sets will consist of all the even numbered problems in each chapter. (Answers to the odd numbered problems are in the back of the book.) The specific chapters for each assignment will be announced based on the material covered in the lectures.

SPSS

Since there is a vast amount of material to cover in this course, SPSS will not be a primary component of the lectures. During classes that focus on Summary, Review & Examples, I will introduce/demonstrate SPSS and distribute the output to you. We will discuss the SPSS output in relationship to the topics presented in the textbook. The midterm and final examinations will include interpretation of SPSS output.

Academic Dishonesty

Academic dishonesty is a serious violation that will be handled as described in the DePaul University handbook.