Psychology 203 (Spring 2008)
Experimental Design I

WebCT: https://online.csus.edu/

Professor
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Office: 357B AMD
Office Hours: 1:30-3:00 Tue; 10:30-12:00 Thr
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E-mail: Send all course-related email via webCT > Mail

Time and Location
Lecture: 12:00-1:15 p.m. Tue Thr, Riverside 1006
Lab (PSYC292): 1:30-4:20 p.m. Thr, AMD 220 (meet as needed)

Course Description
(From CSUS course catalogue): Methodology and statistical analysis applied to psychological research, including the logic of statistical inference, analysis of variance, multiple comparison tests, factorial experiments, simple effects, the use of repeated measurements, mixed designs, and statistical power considerations. Corequisite: PSYC 292.

Required Textbook

Other Recommended Readings
- APA Publication Manual (5th ed.), by American Psychological Association

Other Things You Will Need
- Bring a calculator to all lectures. The calculator should be able to perform basic arithmetic functions, including squares and square roots.
- A SacLink account (and access to a computer with internet connection) is needed to access course materials via WebCT. A computer with internet connection will also allow you take full advantage of the multimedia features of your textbook.

SPSS Program
SPSS is the designated statistics software for data analyses in this class, and you are expected to learn to use SPSS Syntax for data analysis. You are not required to purchase SPSS because SPSS is accessible in all computer labs on campus (e.g., AMD 220, ARC 2004). However, if you intend to buy the software, you will need to buy the SPSS Graduate Pack (approximately $199.98) rather than the SPSS Student Version ($89.98). Although more expensive, SPSS Graduate Pack is a fully functional software, whereas SPSS Student Version has only limited functionality.
Course Requirements and Grading Policy

Course requirements include two exams, three paper assignments, one research proposal, and various chapter exercises. Your grade will be determined by the total points earned on these requirements according to the following schedule:

<table>
<thead>
<tr>
<th>Total Points Earned</th>
<th>Grade</th>
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<tbody>
<tr>
<td>&gt; 900</td>
<td>A</td>
</tr>
<tr>
<td>880-899</td>
<td>A-</td>
</tr>
<tr>
<td>850-879</td>
<td>B+</td>
</tr>
<tr>
<td>800-849</td>
<td>B</td>
</tr>
<tr>
<td>780-799</td>
<td>B-</td>
</tr>
<tr>
<td>750-779</td>
<td>C+</td>
</tr>
<tr>
<td>700-749</td>
<td>C</td>
</tr>
<tr>
<td>680-699</td>
<td>C-</td>
</tr>
<tr>
<td>600-679</td>
<td>D</td>
</tr>
<tr>
<td>≤ 599</td>
<td>F</td>
</tr>
</tbody>
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- **Exams** (100 x 3 = 300 points). There will be three midterm exams (100 each) but no comprehensive final exam. Both midterm exams are open-book, open-notes. Make-up exam will be granted under extraordinary circumstance only and is subject to the instructor’s discretion.

- **Paper Assignments** (100 x 3 = 300 points). There will be three paper assignments (100 points each). For each paper assignment, you will apply a particular set of statistical techniques discussed at class to analyze a dataset and then report your findings in a short APA style paper. Datasets for the paper assignments will be provided, that is, there will be no data collection involved. To complete the paper assignments, you are encouraged to discuss with fellow students about the mathematical, computational, and/or SPSS aspects of the assignment, however, you are expected to write the paper on your own. **Late policy** for paper assignments: A 10% deduction will be incurred for each day the paper is late, including weekends and holidays.

- **Research Proposal** (200 points). The research proposal will include an in-class oral presentation (80 points), written critique of fellow students’ proposals (20 points), and a written proposal (100 points). Details of the research proposal assignment will be discussed at the first day of the class. **Late policy**: A 10% deduction will be incurred for each day the written proposal is late, including weekends and holidays.

- **Exercise Assignments** (200 points). These will include selected chapter exercises and SPSS problems. They will add to a total of 200 points. Deadlines for exercise assignments may vary, but typically you will have one week to work on each assignment. **Late policy** for exercise assignments: No late submission will be accepted for credits.

- **Extra Credit Assignments**. Extra credit assignments (e.g., extra readings and discussions) may be available at the instructor’s discretion. **Late policy**: No late completion of extra-credit assignments will be accepted.
Student Responsibilities

- **Required Readings.** A good strategy is to complete the assigned readings before you come to lecture, and then review the contents afterward. Each lecture will build upon the previous ones, therefore it is crucial to work steadily throughout the semester. It will not work well in a statistics class if you try to study all the materials the night before an exam.

- **Lecture Attendance.** Lecture attendance is essential for success in this class. The instructor will not keep a record of attendance, however, you are responsible for all the information presented/discussed in the class, including course contents, announcements, change of due dates, extra-credit opportunities, etc., regardless of whether or not you attend the lectures.

- **Change/Updates in Deadline, etc.** It is your responsibility to check WebCT periodically for any announcements, changes, and updates in assignment deadlines, etc., regardless of whether you attend the lectures.

Cheating/Plagiarism

Cheating and plagiarism include, but are not limited to, copying someone else’s answers during exams or in exercise assignments, presenting other people’s ideas and/or writings as your own in paper assignments and research proposal. Anyone who is found to have cheated or plagiarized will receive a letter grade of “F” for the assignment or for the course. In addition, the incident may be referred to Judicial Affairs Officer in the Office of the Vice President for Student for administrative sanctions. For information about university policy regarding academic honesty, see [http://www.csus.edu/admbus/umanual/UMA00150.htm](http://www.csus.edu/admbus/umanual/UMA00150.htm).

Tentative Lecture Schedules

See WebCT > Calendar