

SOC/CRM 301, Data Analysis

Fall, 2015, M,W,F, Bear Hall 161
Section 1, 11:00-11:50 and Section 2, 12:00-12:50
Dr. Susan Bullers, 222 Bear Hall, 962-7150
Office Hours; Mon, Wed 2:00-4:00 or by appointment

There is no textbook for this class. This makes attendance very important.

Course Goals;

The first goal of this course is to provide you with social science data analysis skills. Although few students take this course out of a deep love of data analysis, these skills are very marketable and provide a useful tool to make sense of information that is relevant to your interests or career. Despite the word on the street, several students have secretly confessed to enjoying data analysis.

The second goal of this course is to provide you with knowledge of statistical concepts and procedures so that you can take an informed, critical approach to statistical reports in your field, as well as in the popular media.

Requirements;

Attendance Do not miss class. I do not take attendance but I guarantee that you cannot pass this class if your attendance is weak. Online components will be announced and posted on Blackboard. You are responsible for checking Blackboard regularly.

Four homework assignments These assignments are worth 10 points each, totaling 40 points, or 40% of your course grade. Homework must be word-processed and must include SPSS output, when appropriate. **No handwritten assignments accepted.** Homework is due at the beginning of class on the due date. No late homework accepted.

Three exams will be given in this course. Each exam is worth 20 points, totaling 60 points or 60% of your course grade. There will be no make-up exams. For documented famine, pestilence, or spontaneous combustion I may substitute a research analysis assignment for any missed exam. I do not use +/- . I do not assign extra credit.

Decorum (pass/fail) Please become familiar with the definitions of plagiarism, dishonesty and misconduct in the UNCW Academic Honor Code. I prosecute. I'm fine with eating and drinking in class. I don't allow texting, beeping, tweeting, vibrating, ringing OR talking among students when I am teaching. On the other hand I encourage you to interrupt me for questions, clarifications, time reminders, or impending doom. I allow (web) surfing only if and when your lab work is done. I reserve the right to deduct 3 points from your grade for each decorum infraction.
Any changes made to the syllabus will be announced in class and/or

posted on Blackboard. Students are responsible for keeping informed.

Week	Topic	Homework Due
Aug */19/21	Introduction, Surveys, collecting data	
Aug 24/26/28	SPSS, data files Frequencies Level of Measurement	
Aug 31, Sep 2/4	Central Tendency Select-if Lab	
Sept */9/11	Dispersion Lab	HW 1 (Sept 9)
Sept 14/16/18	Recode Compute Lab	
Sept 21/23/25	Crosstabs Lab	
Sept 28/30, Oct 2	Review Exam 1 (Sept 30) Samples and Populations	HW 2 (Sept 28)
Oct 5/7/9	Normal Curve and Z scores Hypothesis testing and Central Limit Theorem Lab	
Oct */14/16	Single sample t-test Lab	
Oct 19/21/23	Independent Sample t-test Lab	
Oct 26/28/30	Review Exam 2 (Oct 26) Data files exercise	HW 3 (Oct 26)
Nov 2/4/6	ANOVA Lab	
Nov 9/11/13	Chi Square	

	Lab	
Nov 16/18/20	Correlation Lab Advanced tests	
Nov 23/*/*	Advanced tests	HW 4 (Nov 30)
Nov 30, Dec 2/*	Review Exam 3 (Dec 2)	

The fine print

Special Needs: Please contact me as soon as possible to arrange necessary accommodations. If you have not already done so, you must register with the Office of Disability Services in Westside Hall (extension 3746) and obtain a copy of your Accommodation Letter. You can then notify me to make arrangements based on the recommendations of the Accommodation Letter. For more information, go to: <http://www.uncw.edu/stuaff/disability/>

Cheating and Plagiarism: Any unacknowledged borrowing of information constitutes plagiarism. This includes summarizing someone's ideas (including your text), downloading internet material, direct quotations, using a classmate's paper, or turning in a paper you have written for another class. Citations MUST contain a reference. In the event of cheating or plagiarism, a grade of zero will be given and I have the right to report the student to the dean. Cheating and plagiarizing are grounds for dismissal from the University. *Academic Honor Code:* The University requires I draw your attention to the rules set forth in Section V of the UNCW Student Handbook and Code of Student life, which prohibits cheating, plagiarism, and other forms of academic dishonesty including any unauthorized collaboration or assistance on any test, home- work assignment, or project: www.uncw.edu/stuaff/doso/documents/Code.Of.Student.Life.pdf.

Changes in Syllabus: Students are responsible for any changes in the syllabus that are posted on Blackboard or announced in class.

Additional Services available to you: Check www.uncw.edu for information about these.

Violence and Harassment: UNCW practices a zero tolerance policy for any kind of violent or harassing behavior. If you are experiencing an emergency of this type contact the police at 911 or UNCW CARE at 962-2273. Resources for individuals concerned with a violent or harassing situation can be located at <http://www.uncw.edu/wsrc/crisis.html>.