CCJS 200: STATISTICS FOR CRIMINOLOGY AND CRIMINAL JUSTICE  
SUMMER SESSION I: MAY 30 - JULY 7, 2017  
LeFrak Hall 2166: MTWTh, 1:00pm - 2:40pm  

Instructor: Dr. Alan R. Lehman  
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Office Hours: Tue & Thu 12:00pm - 1:00pm  
and by appointment  

Course Description:  
CCJS 200 is an introductory course in social science statistics with application to the fields of criminology and criminal justice. This course is required of all criminal justice majors and will cover basic descriptive and inferential statistics, with an emphasis on the latter topic.  

Prerequisites:  
Math 111 or higher, and CCJS 100 or 105 are the prerequisites for this class. You must have taken these courses and earned a grade of ‘C’ or higher before taking CCJS 200. Basic computation skills, some knowledge of probability theory and facility with a calculator is required. People who lack confidence in their math skills should review Appendix A in the textbook.  

Required Textbook:  

Required Tools:  
While the mathematical computations we will be performing in this class are very basic, you will need to use a calculator for these operations. Calculators are very inexpensive these days; a decent one may be purchased for about $10. I recommend an advanced calculator that has a screen where you can check the numbers as you enter them; for example a Texas Instruments TI-82 or 83.  

Course Grading:  
Your grade will be based upon three exams and 14 (out of 15) homework assignments. Each exam will count 24% toward your final grade (72% total); each homework assignment will count 2% toward your final grade (28% total).  

The exams will be open-book/open notes and will cover material from lectures and assigned readings. They will not be cumulative, but material learned early on in the class will be needed to understand the later material. Exams must be taken on the assigned day unless you have presented a valid, written excuse before the exam and made arrangements to take a makeup exam. Health center notes are not valid excuses! Dr. Lehman reserves the right to change the format of the makeup exam if he so wishes.
Homework assignments are given to help you practice what you have learned and stay current with the material. Assignments will be given every day (except Thursdays) and will be due the next class day. Late homework assignments will NEVER be accepted. Homework assignments will be given out in class, and also posted on our ELMS space.

DATES, TOPICS, READINGS, and EXAMS

Week 1 (May 30 – June 1)
May 30 Introduction/Purpose of Statistics Ch. 1
May 31 Levels of Measurement [Assign 1 due] Ch. 2
June 1 Understanding Data Distributions [Assign 2 due] Ch. 3

Week 2 (June 5 – 8)
June 5 Measures of Central Tendency [Assign 3 due] Ch. 4
June 6 Measures of Dispersion 1, [Assign 4 due] Ch. 5
June 7 Measures of Dispersion 2, Exam #1 Review [Assign 5 due] Ch. 1-5
June 8 Exam 1

Week 3 (June 12 – 15)
June 12 Probability/Hypothesis Testing 1 Ch. 6
June 13 Probability/Hypothesis Testing 2 [Assign 6 due] Ch. 6
June 14 Point Estimation/Confidence Intervals 1 [Assign 7 due] Ch. 7
June 15 Point Estimation/Confidence Intervals 2 [Assign 8 due] Ch. 7

Week 4 (June 19 – 22)
June 19 Hypothesis Testing (1 mean/proportion) 1 Ch. 8
June 20 Hypothesis Testing (1 mean/proportion) 2 [Assign 9 due] Ch. 8
June 21 Exam 2 Review [Assign 10 due] Ch. 6-8
June 22 Exam 2 [Assign 11 due] Ch. 6-8

Week 5 (June 26 - June 29)
June 26 Hypothesis Testing (Categorical Data) 1 Ch. 9
June 27 Hypothesis Testing (Categorical Data) 2 Ch. 9
June 28 Hypothesis Testing (2 means/proportions) 1 [Assign 12 due] Ch. 10
June 29 Hypothesis Testing (2 means/proportions) 2 [Assign 13 due] Ch. 10

Week 6 (July 3 – July 6)
July 3 July 5 Hypothesis Testing (3+ means)1 Ch. 11
July 4 No classes—enjoy the 4th of July!
July 5 Hypothesis Testing (3+ means)2 Exam 3 Review [Assign 14 due] Ch. 11
July 6 Exam 3 [Assign 15 due] Ch. 9-11