

CRCJ 3340 Criminal Justice Statistics

Section 001

Department of Criminology and Criminal Justice

The University of Texas at Arlington

**** This schedule is tentative and is subject to change as the semester progresses**

Instructor: Seokjin Jeong

Office: UH 305

Office Hour:

Tuesday 11:00 am ~ 12:30 pm

Wednesday 1:00 pm ~ 2:30 pm

Email: sjjeong@uta.edu

Fall 2015

Classroom: NH 105

Class Hour: Tuesday/Thursday

9:30 am ~ 10:50 am

Credit Hours: 3 Credit

Course Description:

The purpose of this course is to introduce to the logic and the skills of criminal justice research and to increase your knowledge of data analyses and statistics. Therefore, the coverage of this course is the building blocks of statistical idea, nature of the data, sophisticated analyses to perform, and interpret the results. This course also provides examples of what to use various statistics, what students need in order to use them, and how to interpret. Consequently, this course attempts to create a more meaningful experience in using statistics. Since the selected topics are interconnected each other, and each process is an important piece, I will not limit the discussion of each issue separately. Rather, it will covered by go back and forth between each process in a logical manner.

Course Prerequisites:

CRCJ 2334: Introduction to Criminal Justice

Course Materials:

Gau, J. M. (2013). *Statistics for Criminology and Criminal Justice*. Thousand Oaks, CA: Sage.

Course Requirements:

Grades will be determined by; (i) 4 exams; and (ii) class participation.

There will be four exams during the semester (noted on the schedule of readings). These will be worth 100 points each, for a total of 400 points.

Exams:

Four exams will be given to evaluate students' progress in this course. The exams may include multiple choice, short answer, and/or essay questions. All exams will cover material from lecture, discussion, and readings. More information will be given before each exam. All students are required to take exams on the dates listed in the course outline. Should an emergency arise that makes it impossible to make it to an exam, you will need to present a documented excuse indicating the reason for emergency. (400 points)

Class participation and attendance:

Students are expected to attend all classes and be prepared to participate in discussions. Students are responsible for all material covered and announcements made in class. If you must be absent at some point during the course, it is your responsibility to provide documented excuse indicates the reason for your absence. (40 points)

Additional Notes:

Consistently coming to class late, leaving in the middle of lecture, holding private conversations, or sleeping during class are very distracting and may result in the lowering of your final grade in this course. Please follow general rules of courtesy and respect for others during discussion. Cell phones and other electronic equipment must be turned off or stowed away during class, unless permission to use such devices has been granted by the instructor. If you need to get a hold of me, the best way to reach me is through office hours.

Academic Honesty:

Academic dishonesty is described as (i) turn in an exam, paper or project that is not your work; (ii) copy answers from another student's exam or quiz; (iii) have another person take a test or complete assignments for you; and (iv) submit the same paper for two or more classes.

Plagiarism is a particular form of cheating that involves representing someone else's work as your own, may include (i) copying sentences or phrases from the work of another without a citation; (ii) using someone else's original idea without citation; and (iii) failing to reference the source of data or facts.

Consequences of academic dishonesty and plagiarism can be severe. It may result in a zero grade in the course and removal from the program. If students are unclear about the Academic honesty policy, you are encouraged to consult the appropriate section in UTA resource.

Americans with Disabilities Act:

The University of Texas at Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including the *Americans with Disabilities Act (ADA)*. All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Any student requiring an accommodation for this course must provide the instructor with official documentation in the form of a letter certified by the staff in the Office for Students with Disabilities, University Hall 102. Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability or by calling the Office for Students with Disabilities at (817) 272-3364.

Student Feedback Survey:

At the end of each term, students enrolled in classes categorized as lecture, seminar, or laboratory will be asked to complete an online Student Feedback Survey (SFS) about the course and how it was taught. Instructions on how to access the SFS system will be sent directly to students through MavMail approximately 10 days before the end of the term. UT Arlington's effort to solicit, gather, tabulate, and publish student feedback data is required by state law; student participation in the SFS program is voluntary.

Final Review Week:

A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week *unless specified in the class syllabus*. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.

Grading Schema

The following scale will be used for your grading:

Total Points (%)	Grade Point
91 – 100	A
81 – 90	B
71 – 80	C
61 – 70	D
60 or less	F

Course Schedule:

Date	Subject	Reading(s)
8/27	Overview and Purpose of Statistics	
9/1	Introduction and Levels of Measurement	Gau Ch1 and Ch2
9/3	Presenting Data and Central Tendency	Gau Ch3 and Ch4
9/8	Measures of Dispersion	Gau Ch5
9/10	Review Ch1 ~ Ch5	
9/15	Exam 1	
9/17	Exam 1 Review	
9/22	Probability and Distributions – 1	Gau Ch6 and Ch7
9/24	Probability and Distributions – 2	Gau Ch6 and Ch7
9/29	Point Estimates and Confidence Interval - 1	Gau Ch8
10/1	Point Estimates and Confidence Interval - 2	Gau Ch8
10/6	Review Ch6 ~ Ch8	
10/8	Exam 2	
10/13	Exam 2 Review	
10/15	Hypothesis Test – One Population Mean	Gau Ch9
10/20	Hypothesis Test – Categorical Variable(s)	Gau Ch10
10/22	Review Ch9 and Ch10	
10/27	Hypothesis Test – Two Population Means - 1	Gau Ch11
10/29	Hypothesis Test – Two Population Means - 2	Gau Ch11
11/3	Review Ch9 ~ Ch11	
11/5	Exam 3	

11/10	Exam 3 Review	
11/12	Hypothesis Test – Three Population Means - 1	Gau Ch12
11/17	Review of Hypothesis Tests	
11/19	Review of Hypothesis Tests	
11/24	Hypothesis Test – Three Population Means - 2	Gau Ch12
11/26	Thanksgiving	
12/1	Hypothesis Test – Two Continuous Variables - 1	Gau Ch13
12/3	Hypothesis Test – Two Continuous Variables – 2 & Regression	Gau Ch13 and Ch14
12/8	Hypothesis Test – Regression	Gau Ch14
12/10	Final Review	
12/17	Final Exam (8:00 am ~ 10:30 am)	

Course requirements are subject to change at the instructor's discretion. The class will be informed of any changes in scheduling, assigned readings, or grading policy by notice from the instructor.