EDP 382K: Correlation and Regression Methods
Unique #75134, Summer 2014
T-Th 9:00-11:30am, SZB 524

Instructor   **Instructor Office Hours**
Dr. Lindsey Smith   T-Th 11:30am-12:30pm
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Course Description
This course is designed for students to master correlation and regression techniques. This class will focus on helping students learn how to identify when to use correlation and regression techniques, understand associated assumptions and how to test them, make the appropriate inferences, and describe and discuss correlation and regression and associated inferences.

Prerequisite
This course requires the use of several intermediate level mathematical/statistical skills and understanding. Students are required to have successfully completed an *Introduction to Statistics* graduate course. The instructor may approve equivalent graduate level courses.

Canvas: https://utexas.instructure.com
Announcements, course handouts, and grades will be posted on the course Canvas site.

Required Textbooks and Course Materials
- Bobko, P. (2001). *Correlation and regression: Applications for industrial organizational psychology and management* (2nd ed.). Thousand Oaks, CA: Sage.
- Miles, J., & Shelvin, M. (2001). *Applying regression & correlation: A guide for students and researchers*. London: Sage.
- Scientific calculator
- Class handouts (available on Canvas)

SPSS
Some examples utilizing SPSS will be given during class time, but students will be expected to calculate many of the statistics by hand (or calculator) in order to master the use (and interpretation) of the relevant formulas. Note that there are many different versions of SPSS available and they might look somewhat different from my version, and thus differ somewhat from the screenshots in the course overheads and from each other's versions. However, as these versions change, you will have to be flexible about figuring out where to find the relevant SPSS functions.

SPSS can be purchased on campus. There are also computers loaded with SPSS in some of the labs in the College of Education. Students are not required to use SPSS; however, if a student uses another statistical software program they will be responsible for learning how to properly run these analyses in the chosen program.

Classroom Expectations
Do not text, surf the Internet, check Facebook, email, etc. during class time as this distracts both you and the students seated around you. Please turn off your cell phone ringers when in class.

Class Attendance
Students are responsible for all material presented in lectures. It is expected that students will attend lectures, however, attendance will not be taken. If a student misses a class, regardless of the reason, the student is responsible for obtaining both the course material that was missed as well as any class announcements from his/her classmates.

Religious holy days sometimes conflict with class and examination schedules. It is the policy of The University of Texas at Austin that you must give your instructors sufficient notification (at least 14 days) prior to the classes scheduled on dates you will be absent to observe a religious holy day.

Scholastic Dishonesty Policy
The University defines academic dishonesty as cheating, plagiarism, unauthorized collaboration, falsifying academic records, and any act designed to avoid participating honestly in the learning process. Scholastic dishonesty also includes, but is not limited to, providing false or misleading information to receive a postponement or an extension on a test or other class assignment, and submission of essentially the same written assignment for two courses without the prior permission of faculty members.

Students who violate University rules on scholastic dishonesty will receive an F for the course grade, be referred to the appropriate university officials, and may receive a maximum penalty of suspension or even expulsion from the University. For more information on scholastic dishonesty, students may review the Student Judicial Services website: http://www.utexas.edu/depts/dos/sjs/.

Accommodations For Persons With Disabilities
Any student with a documented disability who requires academic accommodations should contact the Division of Diversity and Community Engagement, Services for Students with Disabilities, 512-471-6259, http://www.utexas.edu/diversity/ddce/ssd/

Grading
There will be three equally weighted in-class exams. Each exam will consist of conceptual, computational, and application questions. Students must bring a calculator to the exams. To relieve test anxiety, and approximate a more authentic environment in which researchers have access to reference materials, students will be given a formula sheet for use during exams. The exams are not open-book because summary of learning should be accomplished before, not during, the exam. Missed exams may not be made up unless arrangements have been made prior to class.

Grades will be posted on the Canvas website. Please periodically check for any input errors. Final grades will be assigned based on the scale below.

Overall Course Percent	Grade
93% - 100%	A
90% - 92%	A-
87% - 89%	B+
83% - 86%	B
80% - 82%	B-
77% - 79%	C+
73% - 76%	C
70% - 72%	C-
67% - 69%	D+
63% - 66%	D
60% - 62%	D-
below 60%	F

Grade cutoffs are firm.

No Extra Credit: Your course grades are based only on the above information. There will be no extra-credit opportunities.

Grades of "Incomplete:" Grades of "Incomplete" will not be given unless the student can demonstrate that near catastrophic events have led to a case of extreme hardship.