Psychology 6308: Experimental Design/Analysis of Variance
Tuesdays & Thursdays 3:00 – 4:20
Classroom Building Room C304

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Review Sessions: Fridays, ____________, Psychology Room 202 (Vinson Lab)

These sessions, led by the teaching assistant, will involve working through practice problems, going over homework solutions, question-answer time, and other activities conducive to learning the class material.

Content and Learning Goals

This course will cover experimental design and analysis, with a focus on the analysis of controlled experiments with categorical independent variables and quantitative dependent variables. Analysis of Variance (ANOVA) techniques will be applied to a variety of experimental designs, research questions, and data properties. After this course, you will be able to analyze experimental data with a variety of designs and be prepared to be a critical consumer of literature reporting such analyses.

Required Readings


Other articles or chapters may be assigned as needed and will be available for copying in the Psychology Department Office (Room 112).

Software

SPSS can be accessed in the Vinson Laboratory, Room 202 of the Psychology Building and in most research laboratories in the department. If the UTEP-owned computer that you usually work on does not have SPSS installed, the professor or other person in charge of that computer can call IT to have it installed. You can also use my.apps.utepe.edu to access SPSS using Citrix Receiver software.
Exams

There will be two midterms, one on Tuesday February 24th (25% of grade) and one on Tuesday April 7th (25%), and a cumulative final exam Thursday May 14th from 4:00-6:45 (40%). Midterm exams are to be completed during the assigned class session. This means that you must be prepared to work the problems efficiently. [If you have not done the homework, this will be nearly impossible.] The final exam will be completed during the assigned 2 hour and 45 minute final exam session.

All exams will be open-book and open-note, and you will need a calculator. Be sure that you know how to use your calculator before the first exam. It is suggested that you prepare a set of summary notes with critical formulas and other information to reduce the time necessary to look up information.

Homework

Homework will be assigned and collected regularly (most Wednesdays) and will be worth 10% of the final grade. The assignments will be graded and used to identify areas for further instruction/clarification. Solutions will be discussed in the weekly review sessions. If computer output is required, please include only the parts necessary for evaluating the solution and edit out irrelevant output. Consultation with other students in the class while completing homework assignments is acceptable and appropriate, but it is strongly recommended that you do as much as possible on your own, because collaboration is not allowed on the exams.

Policies

Graduate students are expected to behave professionally in graduate courses. This includes but is not limited to the following:

• Attending class consistently.
• Turning in homework on time -- Late homework will not be accepted.
• Taking exams on the scheduled dates -- Of course absences for professional conferences are acceptable and appropriate, but please give notice ahead of time if the absence will include an exam date. Otherwise, make up exams will be given only under extraordinary circumstances, and with appropriate documentation.
• Academic honesty and integrity – This means that cheating, plagiarism, and other forms of academic dishonesty will not be tolerated.
• Showing respect for others in the class.

UTEP Course Drop Policy: February 4th is the last day to drop a course with full refund and no listing of the course on your record. April 6th is the last day to drop a course with an automatic “W.” It is the student’s responsibility to officially drop any course that he or she no longer wishes to attend.

CASS: If you have a disability and need classroom accommodations, please contact the Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.