

EDP 660, Sec. 401, Fall 2000

Instructor: Lise DeShea, Ph.D.  
Office: TEB 136-B, (859) 257-9884  
Email: Ldesh2@pop.uky.edu  
Class meets: 6:45-9:15 p.m. Thursdays, TEB 140

Text: *Intermediate Statistics: A Modern Approach*, 2<sup>nd</sup> Ed., by James Stevens.

EDP 660, Research Design and Analysis in Education, is a course intended to give you an introduction to experimental designs and statistical procedures that frequently are used in educational psychology and other social sciences. We will use computers to run SPSS programs to analyze data. We will discuss the appropriate uses of the designs and procedures, statistical assumptions and their violation, and the interpretation of results. Students are expected to have a working knowledge of basic statistics (through two-sample statistics), such as the material covered in EDP 557.

Evaluation of performance:

1. There will be a number of quizzes, worth one-fourth of the final grade. The lowest quiz will be dropped.
2. The midterm exam will be worth one-fourth of the final grade.
3. A number of homeworks will be collected during the semester based on data analysis completed in class using the statistical package SPSS. Students will answer questions about the computer output, write explanations of results, and turn in their answers and their output. The homeworks will be worth one-fourth of the final grade. The lowest homework score will be dropped.
4. The final exam will count for one-fourth of the final grade.
5. Final grades will be determined by the usual breakdown of 90-100%=A, 80-89%=B, etc.

Necessary announcements:

1. Attendance is expected. If you know in advance that you must miss a class meeting (for example, because of a religious holiday), please notify the instructor in advance and arrange to make up any missed activities, and please arrange with a classmate to provide the notes from class. Among the university's recognized acceptable reasons for missing class are serious illness; illness/death of a family member; university-related trips; and major religious holidays.
2. Cheating and plagiarism will not be tolerated and will be prosecuted according to the university's regulations against academic misconduct.
3. If you have a disability that may affect the demonstration of your knowledge, please see the instructor to make any arrangements necessary to assure your fullest participation and optimize your academic experience.
4. The College of Education at UK has adopted the model of "Professional Educator as Reflective Decision Maker" as the conceptual framework for its professional education programs. You may read more about this conceptual framework on UK's website, [www.uky.edu/Education/NCATE](http://www.uky.edu/Education/NCATE).