PSYC 2117 Basic Statistics for Psychology Laboratory

One Semester Hour

This laboratory course aims to reinforce and extend knowledge and applications of statistics to problem solving using exploratory data analysis utilizing computer statistical software and spreadsheets. The course seeks to bridge the gap between basic statistics and advanced statistics. Students in this class have the opportunity to master widely used computer statistical software. Corequisite: Concurrent enrollment in PSYC 2317.

Justification: To introduce students of psychology and related fields to statistical software packages typically used in psychological research and in the applied settings. One major purpose of this laboratory course is to provide students with the opportunity to gain experience and better understanding of the tools used by psychologist in their quest for the psychological truth. More important, this class will further develop the student's critical thinking and problem solving skills necessary in higher level thinking.

COURSE OBJECTIVE: Upon completion of this course the student will
1. be able to understand and interpret a results section of a scientific published research article
2. have an understanding of major statistical software packages and their limitations
3. know how to conduct a sound statistical analysis using basic statistical techniques and SPSS
4. Be able to write an APA style Results section
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<td>Roberto R. Heredia</td>
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