

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Psychology</u>
COURSE RUBRIC AND NUMBER	<u>PSYC 2317</u>
COURSE TITLE	<u>Statistics and Research Design</u>
COURSE CREDIT HOURS	<u>3 3 0</u> Credits Lec Lab

I. Catalog Description

Examine basic descriptive and inferential statistical concepts as they apply to behavioral science research. Includes the topics of basic experimental design, descriptive statistics, correlation, analysis of variance, and nonparametric analysis, along with Computer Applications. **Prerequisite: MATH 0305 or placement by exam. (3:0).**

II. Course Objectives

Upon satisfactory completion of this course, the student will:

- A. Understand the methodology and statistics used in basic behavioral science research.
- B. Calculate and interpret basic descriptive statistics (such as frequency distribution, measures of central tendency, and measures dispersion).
- C. Calculate and discuss the implications of correlational data.
- D. Discuss how probability helps in making inferences.
- E. Conduct basic statistical methods using a computer, by being able to enter data and interpret results.
- F. Evaluate the appropriate use of statistical and research methodology in the social science research literature.

III. Evaluation

- A. Remediation
The opportunity for re-examination is at the discretion of the instructor. Students who perform at an unsatisfactory level should be encouraged to avail themselves of tutoring.
- B. Grading
Course grades will be consistent with the grade descriptions contained in the current EPCC catalog. The student should consult the Instructor's syllabus for greater detail, as the grades are at the discretion of the instructor.

IV. Disability Statement (American with/Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

Revised by Discipline: Fall 2012 (next revision in 3 years)

V. 6 Drop Rule

Students who began attending Texas public institutions of higher education for first time during the Fall 2007 semester or later are subject to a 6 Drop limit for all undergraduate classes. Developmental; ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.