

COURSE SYLLABUS

LAST REVIEW	Spring 2021
COURSE TITLE	Research Methods in Psychology
COURSE NUMBER	PSYC 0206
DIVISION	Social & Behavioral Sciences and Public Services
DEPARTMENT	Psychology
CIP CODE	24.0101
CREDIT HOURS	3
CONTACT HOURS/WEEK	Class: 3
PREREQUISITES	None
COURSE PLACEMENT	Students must meet the correct placement measure for this course. Information may be found at: https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html

COURSE DESCRIPTION:

Psychology is the scientific study of behavior and mental processes. This course focuses on the essentials of scientific reasoning, basic research methods, assessing validity and reliability, and basic conventions in the science of psychology. Students will also demonstrate (both verbally and in written form, using APA guidelines) peer reviewed studies. Students will be required to evaluate purported scientific claims made by popular media on behalf of specific products. An overarching goal of this goal will be possessing the necessary intellectual tools to distinguish amongst psychological science, pseudoscience, and non-scientific knowledge. Permeating throughout this course will be the ethical responsibilities and codes of conduct relevant to psychological research.

General Education Learning Outcome

- Basic Skills for Communication
- Mathematics
- Humanities
- Natural and Physical Sciences
- Social and Behavioral Sciences

Institutional Learning Outcomes

- Communication
- Computation and Financial Literacy
- Critical Reasoning
- Technology and Information Literacy
- Community and Civic Responsibility
- Personal and Interpersonal Skills

TEXTBOOKS

<http://kckccbookstore.com/>

METHODS OF INSTRUCTION

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE:

- I. Scientific Understanding of Behavior
- II. Research Design
- III. Ethics in Behavioral Research
- IV. Fundamentals Research Issues
- V. Measurement Concepts
- VI. Observational Methods
- VII. Survey Research
- VIII. Experimental Design
- IX. Conducting Experiments
- X. Complex Experimental Designs
- XI. Single Case, Quasi-Experimental, and Developmental Research
- XII. Understanding Research Results: Description and Correlation
- XIII. Understanding Research Results: Statistical Inference
- XIV. Generalization
- XV. Excursus
 - A. Reporting Research
 - B. Ethical principles of Psychologists and Code of Conduct
 - C. Statistical Tests
 - D.

COURSE OUTCOMES:

1. The student will develop a knowledge of the nature and characteristics of psychological science research methods.
2. The student will be able to summarize the key concepts in psychological science research methods, with especial reference to measurement and sampling.
3. The student will have a healthy understanding of the advantages and disadvantages of research strategies, with especial reference to experimental designs, single-case, quasi-experimental and developmental research.
4. The student will learn how to use primary and secondary bibliographic sources in psychological science research.
5. The student will be able to summarize the major ethical issues involved in psychological science research.
6. The student will be to read, write, and critique psychological science research reports.

ASSESSMENT OF COURSE LEARNING OUTCOMES

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES

Student Handbook

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

College Catalog

<https://www.kckcc.edu/academics/catalog/index.html>

College Policies and Statements

<https://www.kckcc.edu/about/policies-statements/index.html>

Accessibility and Accommodations

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>.