PSYCH 1B Course Outline as of Fall 2018

CATALOG INFORMATION

Dept and Nbr: PSYCH 1B Title: INTRO/RESEARCH METHODS
Full Title: Introduction to Psychological Research Methods
Last Reviewed: 11/27/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	6	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00 Total Student Learning Hours: 157.50

Title 5 Category:	AA Degree Applicable
Grading:	Grade Only
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	

Catalog Description:
This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the subdisciplines of psychology and applications in classroom experiments, surveys, and systematic and naturalistic observations.

Prerequisites/Corequisites:
Course Completion of PSYCH 1A; AND Course Completion of MATH 15 OR PSYCH 9

Recommended Preparation:
Eligibility for ENGL 1A or equivalent

Limits on Enrollment:

Schedule of Classes Information:
Description: This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the subdisciplines of

psychology and applications in classroom experiments, surveys, and systematic and naturalistic observations. (Grade Only)
Prerequisites/Corequisites: Course Completion of PSYCH 1A; AND Course Completion of MATH 15 OR PSYCH 9
Recommended: Eligibility for ENGL 1A or equivalent
Limits on Enrollment:
Transfer Credit: CSU;UC.
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	Inactive:
IGETC:	**Transfer Area**	Effective:	Inactive:

CSU Transfer:	Transferable	Effective:	Fall 1981	Inactive:
UC Transfer:	Transferable	Effective:	Fall 1981	Inactive:

CID:
CID Descriptor: PSY 200 Introduction to Research Methods in Psychology
SRJC Equivalent Course(s): PSYCH1B

Certificate/Major Applicable:
Major Applicable Course

COURSE CONTENT

Student Learning Outcomes:
At the conclusion of this course, the student should be able to:
1. Critically read psychological research and identify basic methodologies such as experiment, observation, and survey.
2. Develop a clear research question and hypothesis, implement an appropriate methodology following ethical standards and analyze data using descriptive statistics.
3. Write a research paper using American Psychological Association format and standard statistical software for analysis.

Objectives:
Upon completion of this course, students will be able to:
1. Explain the basic principles of the scientific method.
2. Critically evaluate research reports.
3. Synthesize a body of research findings.
4. Develop and test hypotheses.
5. Demonstrate knowledge of general research designs, experimental and non-experimental methods, and standard research practices.
6. Select appropriate research designs to test hypotheses.
7. Explain the ethical treatment of human and animal participants in research and the institutional requirements for conducting research.
8. Assess the generalizability of study results.
9. Demonstrate proficiency in APA style.

Topics and Scope:

1. Introduction to Psychological Research
2. Explanation in Scientific Psychology
3. Exploring Psychological Research Literature
4. Observation and Survey in Psychological Research
5. Qualitative and Quantitative Research
6. Statistical Tests Application
7. Correlation/Relational Research
8. Basics of Experimentation
9. Validity and Reliability in Research
10. Experimental Design Methodology
11. Complex Design Methodology
12. Small-n Experimentation Methodology
13. Quasi-Experimentation Methodology
14. Conducting Ethical Research
15. Interpreting the Results of Research
16. Presenting Research Results
17. Writing an APA Research Paper

Assignment:

1. Read approximately 25-35 pages per week, and recapitulate assigned material in the textbook, and if applicable, supplements
2. One to three exams and/or projects and one final examination or project
3. One to three writing assignments including a research paper for a minimum of 1250 words
4. Oral presentations and/or group projects

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written homework, term, or research paper. A minimum of 1,250 words for the course.	Writing 25 - 35%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework and in-class assignments	Problem solving 10 - 20%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None	Skill Demonstrations 0 - 0%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, true/false, fill-in, essay, and short answers	Exams 25 - 35%

Other: Includes any assessment tools that do not logically fit into the above categories.

Oral presentation, group projects	Other Category 10 - 20%

Representative Textbooks and Materials:
Methods in Behavioral Research. 13th ed. Cozby, Paul and Bates, Scott. McGraw-Hill. 2015
Research in Psychology: Methods and Design. 7th ed. Goodwin, C. and Goodwin, Kerri. Wiley. 2013
Research Methods: A Process of Inquiry. 8th ed. Graziano, Anthony, M. and Raulin, Michael, L. Pearson. 2013
American Psychological Association (current edition) Publication Manual of the American Psychological Association