

PSYC 220 - Research Methods in Psychology Course Outline

Approval Date: 03/11/2021

Effective Date: 08/13/2021

SECTION A

Unique ID Number CCC000547030

- c. Validity and reliability
 - d. Scientific method and its goals
 - e. Causal and correlational relationships
 - f. Samples and sampling methods
 - g. Theoretical and operational definitions
 - h. Selection of appropriate statistical tests (chi-square, correlation, t-tests, ANOVA)
 - i. Evaluating peer-reviewed literature
 - j. APA format
- B. Ethical Issues in the Conduct of Psychological Research
- a. APA ethical standards
 - b. Risk/benefit ratio of research
 - c. Use of deception in research
 - d. Human and animal subject use
- C. Descriptive Methods — Observation and Survey Research
- a. Observational techniques and rationale
 - b. Reactivity, demand characteristics, observer bias, expectancy effects, and other biases
 - c. Theories, research questions, hypotheses
 - d. Interpretation and limits of correlational data
 - e. Levels of measurement
- D. Unobtrusive Measures of Behavior (physical trace methods, archival research methods, content analysis)
- E. Experimental Methods —
- a. Independent Group Designs
 - b. Repeated Measures Designs
 - c. Reasons to use and limitations of experimental methods
 - d.

Author: Morling, B
Title: Research Methods in Psychology
Publisher: Norton
Date of Publication: 2017
Edition: 3rd

Book #2:
Author: Lewandowski, G., Ciarocco, N., & Strohmetz, D
Title: Discovering the Scientist Within
Publisher: Macmillan
Date of Publication: 2019
Edition: 2nd

Manual #1:
Author: American Psychological Association
Title: The Publication Manual of the American Psychological Association,
7th edition
Publisher: American Psychological Association
Date of Publication: 01-01-2019

B. Other required materials/supplies.