



BAKER COLLEGE
STUDENT LEARNING OUTCOMES

PSY5610 Research Methods
3 Semester Hours

Student Learning Outcomes & Enabling Objectives

1. Assess basic elements of scientific research design.
 - a. Formulate problem statements and research questions.
 - b. Develop hypotheses appropriate for quantitative research.
 - c. Differentiate types of variables.
 - d. Discuss how variables influence design, data collection, and data analysis.
 - e. Discuss factors that influence the selection of research methods.
 - f. Assess various forms of measurement used in research.
 - g. Compare and contrast sampling methods.
 - h. Discuss the process for selecting the appropriate data analysis methods.

2. Examine qualitative research methods.
 - a. Examine the primary types of qualitative research.
 - b. Practice qualitative question writing, interviewing, coding and analyzing narrative data.
 - c. Explore the data collection procedures used in qualitative research.

3. Explore common mixed methods research designs to include:
 - a. convergent design
 - b. explanatory sequential design
 - c. exploratory sequential design

4. Determine when to use quantitative, qualitative, and mixed methods designs in different settings.
 - a. Discuss how the problem statement/research questions influence design.
 - b. Discuss how the type of method influences the application of the results.

5. Analyze ethical issues and considerations relevant to research.
 - a. Examine professional and organizational ethical codes related to research (i.e. APA code of ethics).
 - b. Discuss the role of informed consent, confidentiality, and anonymity as they pertain to research.
 - c. Assess the use of deception in research.

6. Explore global and cultural considerations common to research.
 - a. Discuss how global and cultural considerations can affect research design and data collection.
 - b. Discuss how sample demographics affect application of research results.

 7. Design a research proposal relevant to industrial/organizational psychology.
 - a. Practice identifying research problems, creating hypotheses, and identifying variables.
 - b. Synthesize results of multiple published research studies to support assertions.
 - c. Practice developing methodology details.
 - d. Practice selecting appropriate data analysis for research.

 8. Communicate effectively using the professional standards of the discipline.
 - a. Apply APA formatting guidelines to paper format, body of p in-text citations, and references.
 - b. Apply knowledge of writing mechanics (sentence structure, spelling, punctuation, etc.) to enhance professionalism and enhance readability of writing.
 - c. Write and speak in a coherent and clear manner consistent with professional and academic settings.
-

These SLOs are not approved for experiential credit.

Effective: Fall 2017