



BAKER COLLEGE
STUDENT LEARNING OUTCOMES

OCC 5110 Occupational Therapy Research I
2 Semester Hours

Student Learning Outcomes and Enabling Objectives

1. Apply, analyze and critique quality/validity of evidence including their design (qualitative and quantitative) and methodology. (B. 2.1, B. 6.1, B. 6.2)
 - a. Compare and contrast qualitative and quantitative design.
 - b. Explain the types of research methods including:
 - Experimental
 - Quasi-experimental
 - Survey
 - Ethnography
 - Phenomenology
 - Single subject
 - Case study
2. Articulate the importance of research, scholarly activity, and the use of evidence-based practice to the profession of occupational therapy. (B. 1.4, B 2.1)
 - a. Discuss how an assigned piece of literature is relevant to the practice of occupational therapy.
 - b. Defend the contribution of scholarly inquiry for the continued development of knowledge for occupational therapy.
 - c. Discuss the role of the literature in qualitative and quantitative studies.
3. Analyze scholarly literature to make evidence based decisions. (B. 1.4, B. 4.7, B. 6.2)
 - a. Define sampling, descriptive, correlational, inferential quantitative statistics, coding, analyze and synthesize qualitative data.
 - b. Perform a variety of statistical functions from a sample data sets.
4. Interpret the following research concepts:
 - a. Hypothesis

- b. Types of variables
 - c. Type I and Type II error
 - d. Reliability, internal and external validity (B. 4.7)
 - e. Control in an experimental research
 - f. The methods a qualitative researcher utilizes for reliability and internal validity
5. Categorize data into correct levels of measurement.
 - a. Discuss examples of levels of measurement.
 - b. Defend the use of ordinal, nominal, interval, and ratio levels of measurement.
6. Articulate ethical policies and procedures for human-subject research, educational research, or research related to population health. (B. 6.5)
 - a. Discuss ethical issues as presented in a sample of human subject research.

Big Ideas and Essential Questions

Big Ideas

- Scholarly activity
- Evidence-based practice

Essential Questions

1. What is the value in scholarly activity for occupational therapists?
 2. How will you utilize evidence in your future practice as an occupational therapist?
 3. What role does ethics play in research?
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Required Elements

- RE 1. Final comprehensive examination
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These SLOs are not approved for experiential credit.

Effective: Fall 2021