



BAKER COLLEGE

STUDENT LEARNING OUTCOMES

NUR5310 Nursing Theory and Research
3 Semester Hours

Student Learning Outcomes and Enabling Objectives

1. Evaluate research studies from nursing and related disciplines applicable to nursing practice.
 - a. Differentiate quantitative research methods.
 - b. Differentiate the purposes of the five types of qualitative research.
 - c. Explore databases and search strategies for finding research studies related to a clinical practice problem.
 - d. Develop a PICOS formatted research question to guide the literature search and review of the literature on a clinical practice problem or question of interest.
 - e. Explore the use of literature matrixes to organize and evaluate studies used in a literature review.
 - f. Explore the elements and structure of the following nursing research designs: descriptive, correlational, quasi-experimental, and experimental.
 - g. Explore sampling theory and related concepts.
 - h. Differentiate probability and non-probability sampling.
 - i. Critique the sampling strategy proposed in a quantitative research study.
2. Apply theories and frameworks from nursing and related disciplines to nursing practice and research problems.
 - a. Construct a *Grand or Mid-range* nursing theory.
 - b. Investigate the framework of a published research study.
3. Articulate principles of ethics necessary for conducting human research studies.
 - a. Discuss policies and standards designed to protect the safety of human research subjects.
 - b. Achieve NIH certification to protect human research participants.
4. Interpret the meaning of statistical results in published research studies.
 - a. Differentiate the levels of measurement for research variables.
 - b. Explore common measurement methods.
 - c. Explore strategies for qualitative data analysis and presentation.
 - d. Critique the data collection process of a published research study.
 - e. Identify the concepts of statistical theory.
 - f. Compare and contrast statistics used to explore and describe.

- g. Discuss the purposes, assumptions, calculations, and interpretation of results for selected statistical techniques.
5. Integrate research findings from nursing and related disciplines to improve health outcomes and nursing practice.
 - a. Describe the evolution of the research critique and its current use in nursing.
 - b. Describe the following steps of the critique process for quantitative research: comprehension, comparison, analysis, evaluation, and conceptual clustering.
 - c. Describe the utilization of research knowledge in nursing practice and the use of research knowledge in other disciplines.
 - d. Describe the barriers to and the strategies for building an EBP in nursing.
 - e. Synthesize selected research findings for use in an advanced nursing practice setting.
-

Big Ideas and Essential Questions

Big Ideas

- Translating evidence into nursing practice
- Nursing research theories and frameworks
- Ethical principles
- Statistical results
- Effects of research on health outcomes

Essential Questions

1. How is the credibility of research evidence established?
 2. What is the significance of a framework or theory in a research study?
 3. How do theory, evidence, clinical judgment, and interdisciplinary knowledge contribute to clinical outcomes?
 4. What are ethical issues and concerns in the conduct of research and the translation of scholarship into practice?
 5. How does current research evidence, from nursing and related disciplines, apply to nursing practice?
-

These SLOs are not approved for experiential credit.

Effective: Spring 2018