Evidence Based Research for the Advanced Practice Role

**Course description**

This course provides the student with the tools and knowledge to critically appraise the existing research literature and utilize findings in practice. The course builds on research concepts and processes learned in the student’s baccalaureate program. This course explores theoretical foundations, ethical principles, cultural considerations, and principles of research in order to enhance the student’s ability to develop an evidence-based practice.

**Credit hours**

3 hours

**Course objectives**

Upon completion of this course, the student is expected to:

1. Assemble concepts, principles, and research findings of the arts, sciences, humanities, and nursing in order to make evidence based advanced practice nursing decisions.
2. Synthesize responsibility and accountability using consistent behavior patterns and professional communication.
3. Compare qualitative and quantitative methodologies in research.
4. Analyze the impact of ethical, legal, economic, and cultural issues on nursing research.
5. Evaluate various theories, philosophies, frameworks, and process used in evidence based research.
6. Construct reviews of literature using multiple databases and internet sources.
7. Critique quantitative and qualitative research literature.
8. Apply research findings to evidence based advanced nursing practice.
9. Investigate the evidence based practices of the interdisciplinary healthcare team.

**Topics – 3 hours each**

Research-Practice Connection

Overview of Research Methods

Reading Research Articles

Qualitative Research Methodology

Quantitative Research Methodologies (descriptive, correlational, experimental, cohort)

Systematic Reviews

Evidence –Based Clinical Practice Guidelines

Formulating Clinical Questions

Searching for and Finding Clinical Evidence

Appraising Research Evidence

Appraising Clinical Practice Guidelines

Appraising Conclusions of Integrative Research Reviews

Appraising Findings of Original Studies

Presentation of Evidence Based Practice Findings