

York University School of Nursing

GS/ NURS 5500 3.0: Nursing Research Development and Knowledge Mobilization

Winter 2014 Course Outline

Course Professor: Lillie Lum, RN, PhD

Contact Information

Email: lum@yorku.ca

Telephone: 416-736 2100 ext. 20037

Course Format

This course is offered as an online course using Moodle via course website:

www.moodle.yorku.ca. Students require an active Moodle account to access it.

Calendar Course Description

Prerequisites: Nursing 5100 6.0 Theoretical & Philosophical Foundations of Nursing Science, Nursing 5200 3.0 Qualitative Research Methods in Nursing, Nursing 5300 3.0 Quantitative Research Methods in Nursing

This advanced research course builds on research methodologies and theoretical inquiry to provide students with activities that involve exploration, analysis, synthesis, and discussion of research questions and proposal development. Emphasis is placed on collaborative research planning, funding, ethics, and dissemination.

Expanded Course Description

This advanced research course builds on research methodologies and theoretical inquiry from previous courses to provide students with activities that involve exploration, analysis, synthesis, and discussion of research questions and proposal development specifically related to knowledge mobilization/translation. Emphasis is placed on collaborative research planning, funding, ethics, and research dissemination. Students have the opportunity to critically examine clinically relevant research issues from current practice, leadership and education situations by applying the essential steps of evidence-based practice. After identifying researchable questions, students will develop research proposals that demonstrate conceptual clarity, methodological rigor, and consistent plans for knowledge mobilization in the chosen area of study. Students will consider research phenomena from multiple perspectives that generate depth and substantive understanding of the issues within the appropriate nursing context. Ethical processes of research generation and knowledge translation and mobilization will be explored. Innovative and traditional dissemination activities will be applied to the research phenomenon being studied.

Learning Outcomes

Upon completion of this course, students will be able to:

1. Critically examine research issues/problems from current practice, leadership, and education situations/scenarios.

2. Refine and situate researchable questions within a context of nursing practice and knowledge.
3. Systematically search and critically appraise the best available research/ evidence to answer researchable issues identified in nursing current practice.
4. Examine whether the research/evidence on the researchable issue is rigorous and appropriate for mobilization into practice.
5. Evaluate various research methods and differentiate expected findings within the context of refined research questions.
6. Critically examine the utility of several knowledge translation models/theories.
7. Critically explore interventions to effectively mobilize research into practice.
8. Evaluate various methods for knowledge translation/mobilization research.
9. Demonstrate skill in collaborative scholarship and research planning.
10. Articulate consistent ethical processes/procedures for EBP and implementation.
11. Demonstrate successful application of knowledge from previous courses including research and theory.
12. Develop a knowledge mobilization/translation research proposal.

Learning Activities

Knowledge translation/ mobilization research to inform nursing care, administration, education and/ or policy will be the focus over the semester. Learning will follow a trajectory including, but not limited to, 1) identification of researchable nursing issues/problems from current practice/leadership/education, 2) identification, and critical appraisal of evidence/knowledge (e.g. best practice guideline) to address the issues, and 3) development of a research proposal to evaluate knowledge mobilization to address the issue.

Students are expected to actively engage self-directed learning through participation in the discussion forums on a weekly basis. In order to do so, students are expected to complete the class preparation prior to participating in the week/module's learning activities and discussion.

Course Resources (Textbook)

Required Text

Melnik, B.M. & Fineout-Overhold, E. (2011). *Evidence-Based Practice in Nursing and Health: A guide to Best Practice* 2nd ed., Boston, Wolters Kluwer, Lippincott, Williams & Wilkins