

YORK UNIVERSITY SCHOOL OF NURSING

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

Winter 2019 COURSE OUTLINE

Course Professor: Lillie Lum, RN., PhD, Professor, School of Nursing and School of Health Policy and Management

Contact Information

Email: lum@yorku.ca

Telephone: 416-736 2100 ext. 20926

Office: HNES 319

Office Hours: to be scheduled either in person, by telephone or skype. Please do not hesitate to contact me if you have questions. I will respond within 48 hours, Monday to Friday.

Course Format

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

www.moodle.yorku.ca. If you need technical assistance, contact ithelp@yorku.ca or use Chat feature on the Moodle course site.

Additional classroom or electronic access sessions to be scheduled for student presentations. Dates to be announced.

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 current nursing practice and knowledge in Canada.
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 basic 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 engage in critical analyses of course readings and to actively engage in 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 (Textbooks)

Required Text

Melnyk, B.M. & Fineout-Overholt, E. (2015). *Evidence-Based Practice in Nursing and Health: A guide to Best Practice* 3rd ed., Boston, Wolters Kluwer, Lippincott, Williams & Wilkins.

Supplementary Texts

Polit, D. and Beck, C. (2012). *Nursing Research: Generating and Assessing Evidence for Nursing Practice*, 9th ed., Boston, Wolters Kluwer, Lippincott, Williams and Wilkins or more recent edition.

American Psychological Association. (2010). *Publication manual of the American Psychological Association* (6th ed.). Washington, DC: Author.

Bluman, A.G. *Elementary Statistics: A Step by Step Approach*. 7th edition. McGraw Hill

Additional Course Readings

Required and recommended weekly readings will be posted on Moodle. Required readings that are not in your required text will be available electronically through the York University Library.

York Library Resources and Search Information

You may need to retrieve some recommended readings through inter-library loans (RACER) which are easily arranged online through the York University Library system. Students are responsible for locating and accessing the necessary resources. If you need assistance, contact Ms. Ilo-Katryn Maimets, Head Librarian, Steacie Science and Engineering Library at ilo@yorku.ca.

An electronic copy of the articles can be obtained through the York University library:

- NOTE: Use a browser such as Firefox or Chrome - **Internet Explorer will not work** .
- Go to <http://www.library.yorku.ca/web/>

Click on eResources.

- Type in the name of the journal and then click 'Find.'
- Click on the red (underlined) journal name.
- Copy the access URL and paste into a new tab/window (you may need to search for the URL as it can be found in different places depending on the journal, e.g., under 'Technical Details', 'Alternative', or 'Physical Description').
- Click on the desired year (journals will have various ways of showing the year, e.g., may initially need to also choose 'past issues').
- Click on the required issue, i.e., by volume and issue number for the desired year.
- Scroll down to find authors' names and/or title of article.

- Click on desired article; choose to download as a PDF version; then print or save the article.

Academic Policy Information

Academic Honesty and Integrity

York students are required to maintain high standards of academic integrity and are subject to the Senate Policy on Academic Honesty

(<http://www.yorku.ca/univsec/policies/document.php?document=69>).

There is also an academic integrity website with complete information about academic honesty. Students are expected to review the materials on the Academic Integrity website

(<http://www.yorku.ca/academicintegrity>).

For an additional tutorial re: plagiarism:

<http://openseminar.org/ethics/courses/29/modules/1601/index/screen.do>

Definition: Plagiarism, i.e., the submission of work which you did not write, or that uses sources without proper citation, will be penalized ranging from a zero for a particular assignment to a failing grade for the entire course, depending on the nature and extent of the evidence uncovered. Lack of familiarity with York University policy on plagiarism will NOT be accepted as an excuse for this offense under any circumstances.

For more information on York University faculty of graduate studies regulation see

<http://www.yorku.ca/grads/calender/facultyregulation.pdf>

These course materials are designed for use as part of the NURS 5500 course at York University and are the property of the instructor unless otherwise stated. Third party copyrighted materials (such as book chapters, journal articles, music, videos, etc.) have either been licensed for use in this course or fall under an exception or limitation in Canadian Copyright law. Copying this material for distribution (e.g. uploading material to a commercial third-party website) may lead to a violation of Copyright law.