

Professor Christine Kurtz-Landy

NURS 5300 Winter 2016 section O

Expanded Course Description

This course will enhance the student's knowledge in quantitative research methodology, one of the multiple ways of knowing in nursing. The student will develop the skills required to develop a research proposal using quantitative research methods by completing key steps in this process.

By the end of this course, the student will be able to:

- Formulate researchable questions and hypotheses;
- Understand the relationship between theory and research;
- Synthesize current literature pertaining to the research questions;
- Articulate the linkages between the research question and study design;
- Compare and contrast various quantitative research designs;
- Understand threats to the internal validity of quantitative research designs and methods to reduce such threats;
- Identify appropriate data collection methods, and the validity and reliability of data collection instruments; and
- Demonstrate knowledge in a selected number of data analysis techniques, such as Chi square and t-tests.

This is an online course (with one onsiteworkshop with date to be finalized) and students are required to regularly access Moodle and their yorku.ca email account. Note that email communication about the course should be via your yorku.ca email. Access to Moodle requires a Passport York login and password.