

NS3110 (A3/B3): Evidence Informed Nursing Practice

3 (3-0-0) 45 Hours/15 Weeks

COURSE OUTLINE – WINTER 2025

DEPARTMENT of NURSING EDUCATION & HEALTH STUDIES

Northwestern Polytechnic acknowledges that our campuses are located on Treaty 8 territory, the ancestral and present-day home to many diverse First Nations, Metis, and Inuit people. We are grateful to work, live and learn on the traditional territory of Duncan's First Nation, Horse Lake First Nation and Sturgeon Lake Cree Nation, who are the original caretakers of this land.

We acknowledge the history of this land, and we are thankful for the opportunity to walk together in friendship, where we will encourage and promote positive change for present and future generations.

INSTRUCTOR: Teresa Evans
OFFICE: HEC 341
OFFICE HOURS: Email for Appointment

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CALENDAR DESCRIPTION:

The course provides a hands-on approach to evidence-informed nursing practice. This includes formulating clinical questions, systematic searching of electronic databases, reading, interpreting and critically appraising health research. Emphasis is on developing thinking and information literacy skills necessary to be an astute research consumer and using evidence to inform clinical decision making.

Note: Available only to nursing students in the University of Alberta Collaborative Nursing Program.

PREREQUISITE(S)/COREQUISITE: NS 2115 or Statistics

REQUIRED TEXT/RESOURCE MATERIALS:

1. Required readings will be posted on My Class
2. Free E-Book Through NWP Library:
Jolley, J. (2020). *Introducing research and evidence-based practice for nursing and healthcare professionals*. Routledge.

<https://research.ebsco.com/linkprocessor/plink?id=2963b57e-3862-3094-ab70-76d682141590>



SUPPLEMENTAL RESOURCES:

1. Refer to MyClass for additional materials
2. Students will need to bring a laptop, writing utensils, and paper to every class.

COURSE MATERIAL AND ANNOUNCEMENTS:

Students are expected to access and become familiar with their myClass site at the beginning of each course and to access their myClass site on a regular basis throughout the course. Failure to do so may result in students missing important course-related information, resources, instructor feedback, and announcements. Course announcements will be made on myClass.

DELIVERY MODE(S): All components of this course are delivered in person at the GPRH HEC campus. Lecture will be in the classroom as indicated on the student schedule/section.

LEARNING OUTCOMES:

1. Describe the nature and sources of knowledge that inform nursing practice.
2. Demonstrate understanding of research ethics and the nurse's role in relation to research ethics.
3. Demonstrate information literacy skills (for example, formulation of searchable clinical questions and conducting searches of relevant databases).
4. Demonstrate understanding of quantitative, qualitative, and mixed-method research design.
5. Critically appraise primary research and research syntheses.
6. Explain how evidence is used to inform clinical decision-making.

TRANSFERABILITY:

Please consult the Alberta Transfer Guide for more information. You may check to ensure the transferability of this course at the Alberta Transfer Guide main page <http://www.transferalberta.ca>.

**** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability**

EVALUATIONS:

The final grade is based on the following assessments; there are no additional assignments or marks provided in the course. All course components and assignments must be completed to pass the course.

All evaluation components of the course must be completed PRIOR TO being permitted to write the final exam. If you have any exam related accommodations, you must register them in ClockWork by the deadline.

As part of NWP's commitment to academic integrity, all written assignments submitted by students will be reviewed using Turnitin software, an online plagiarism detection tool, to verify originality and ensure academic integrity. Turnitin compares student work to a vast database of academic sources, publications, and previously submitted assignments to identify potential instances of plagiarism or improper citation(s). By enrolling in this course, students acknowledge and consent to the use of Turnitin for assignment submissions.

Evaluation	Related Course Objective(s)	Weight	Due Date
Clinical Reflection & Evidence Informed Poster Presentation	1, 3, 5, 6	35%	<ul style="list-style-type: none">Reflection & PICO Question Due: End of Class Week of February 10-14th.Poster Due: March 16th by 11:59 p.m. Submit via assignment drop box.Presentations: Week of March 17-21st in clinical
Midterm Exam	1,2,3,4,5, 6	25%	Week of February 24-28 in class
In Class Group Research Critiques	1, 2, 4, 5	10%	March 24-28 th in class
In Class Group Review Presentation	1, 2, 3, 4, 6	5%	April 7-9 in class
Final Exam	1, 2, 3, 4, 5, 6	25%	Final Exam Week
Total		100%	

EVALUATION DESCRIPTIONS

1. In Class Group Research Critiques

To apply what has been learned in previous classes related to the different types of research, students will be assigned 2 articles and in assigned groups of 3-4 critique the components of the study. Questions to answer for the critique will be provided. Students will utilize their readings and online resources. Aspects of the critique will focus on methodology, sample, setting, data collection procedures, analysis, findings, rigor, and discussion.

2. Midterm and Final Exams

Content covered in both exams is cumulative and includes all preparatory work and in-class activities. Exams will be in-person and closed-book.

Final exam will occur during exam week at the end of the course. Please refer to the final exam policy located on the NWP website for further information.

3. In Class Group Review Presentation

In assigned groups, students will be responsible for delivering a short review presentation highlighting specific content previously discussed in the course. Students will be graded on the content and presentation of the material.

4. Clinical Reflection & Evidence Informed Project

Following the assignment guidelines on MyClass, students will reflect on a clinical experience, develop a PICO question, find and reflect on the evidence that supports their PICO question, and present this in the form of a poster to the clinical unit they are working on.

GRADING CRITERIA:

Please note that most universities will not accept your course for transfer credit **IF** your grade is **less than C-**.

Alpha Grade	4-point Equivalent	Percentage Guidelines	Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	95-100	C+	2.3	67-69
A	4.0	85-94	C	2.0	63-66
A-	3.7	80-84	C-	1.7	60-62
B+	3.3	77-79	D+	1.3	55-59
B	3.0	73-76	D	1.0	50-54
B-	2.7	70-72	F	0.0	00-49

Assignments are marked as raw scores according to the percentage weight assigned to each. The marks on course assignments will contribute to the overall letter grade according to the percentage that each assignment is weighted in the course.

At the end of the course, all assignment scores are totaled for a term summary mark in the course based on the grading scale above. The Final course grade is based on the cumulative total of student's weighted assignment marks. Final course grade must be a C- to pass the course.

SPECIALIZED SUPPORTS AND DUTY TO ACCOMMODATE

Specialized Support and Duty to Accommodate are aligned with the office of Disability Support Services: Learner Assistance Program (LAP) guided by federal and provincial human rights legislation and defined by a number of NWP Policies. NWP is obligated by legislation to provide disability-related accommodations to students with identified disabilities to the point of undue hardship.

If you have a documented disability or you think that you would benefit from some assistance from a disability's counselor, please call or visit the Disability Supports Office (780) 539-2722 to book an appointment. Services and accommodations are intended to assist you in your program of study, while maintaining the academic standards of NWP. We can be of assistance to you in disclosing your disability to your instructor, providing accommodations, and supporting your overall success at Northwestern Polytechnic.

ACADEMIC CALENDAR AND IMPORTANT DATES:

Students are to refer to the 2024-2025 Northwestern Polytechnic Academic Calendar regarding important dates. <https://www.nwpolytech.ca/programs/calendar.html#/home>

NURSING PROGRAM POLICIES:

Students are to refer to the 2024-2025 Northwestern Polytechnic Academic Calendar at and the University of Alberta Collaborative Baccalaureate Nursing Program with Northwestern Polytechnic Student Handbook for specific nursing program policies that may pertain to the course.

Academic Calendar – Program Requirements:

<https://www.nwpolytech.ca/programs/calendar.html#/programs/HJSes6Ahs?>

Nursing Handbook:

<https://nwpolytech.ca/departments/nursing/index.html#handbk>

ASSIGNMENT POLICY:

To obtain credit in the course ALL assignments, examinations, and quizzes must be completed.

Students are expected to make every effort to complete assignments on time. Assignment submissions are expected on the date determined by faculty. If extensions are necessary, they may be requested up to 48 hours prior to the assignment due date and should be submitted in writing to the faculty member involved. Not all extensions will be granted. In exceptional situations, extension requests within the 48-hour period may be considered.

Late assignments will have 5% of total marks for the assignment deducted for each day/partial day (including weekend days) beyond the due time. After 5 days, a grade of 0 will be awarded to the assignment. If the late penalty places the grade below the necessary pass grade, students will be unsuccessful in the course. When submitting assignments electronically, it is the student's

responsibility to ensure the assignment has been received. Papers/assignments may not be rewritten for a higher grade. Concerns regarding grading are to be discussed with the faculty member involved.

STUDENT RESPONSIBILITIES:

As a student at NWP, you have rights and responsibilities. It is your responsibility to be familiar with the information contained in this Course Outline and the BScN student handbook and to clarify any areas of concern with the instructor. It is also your responsibility to be familiar with NWP Policies specifically the NWP Student Rights and Responsibilities.

STATEMENT ON ACADEMIC MISCONDUCT:

Academic Misconduct will not be tolerated. For a more precise definition of academic misconduct and its consequences, refer to the policy available at

<https://www.nwpolytech.ca/about/administration/policies/fetch.php?ID=69>

**Note: all Academic and Administrative policies are available on the same page.

COURSE SCHEDULE/TENTATIVE TIMELINE:

Week	Dates	Topic	NS 2250 COW/LABS
1	January 6-10	No Classes –Review Course Outline & Assigned Readings for Week 2	Connect Care & Safe Medicate
2	January 13-17	Orientation to the Course Introduction to Evidence-Based Practice in Nursing	Clinical Judgement Fluid and Electrolytes Lab: Injections
3	January 20-24	Asking the Clinical Question Finding and Reviewing the Literature	Acid-Base Balance Lab: IV Initiation
4	January 27–31	Forms of Evidence How this relates to the CJMM Systematic Reviews & Clinical Practice Guidelines	Perfusion Lab: IV Therapy
5	February 3-7	Research Ethics	Intracranial Regulation/Blood Administration
6	February 10-14	Clinical Reflection and PICO Question Due by the end of class. Midterm Exam Review	Hormone Regulation & Reproduction/Foley Catheter
7	February 17-21	Winter Break – No Classes	
8	February 24-28	Midterm Exam	Hormone Regulation
9	March 3-7	Research Designs (Qualitative/Quantitative/Mixed Methods)	Substance Misuse & Addiction/Simulation COPD LAB NG-Enteral Feeding
10	March 10-14	Sampling and Data Collection for Qualitative & Quantitative/Rigour	Cellular Regulation/Complex Wounds
11	March 17-21	PDF of Poster Due March 16 th at 11:59 p.m. via My Class Presenting Poster in Clinical during this week. Analyzing Data and Determining the Significance to Practice	Safety and Adherence Lab: CVADs
12	March 24-28	Critiquing Research – In Class Activity	Caregiving
13	March 31-April 4	Using Evidence to Support Practice Dissemination of Findings	Ethics/Palliative Care/Communication Lab: Palliative Simulation
14	April 7-9	Review Presentations	Anxiety & Self-Management
	April 15-23 rd	Exam Week	