

Department of Nursing Education & Health Studies

COURSE OUTLINE – Fall 2022

NS3210 (A2, L1, L2, AC1, AC2, AC3, AC4): Advanced Acute Care Nursing Practice I
6 (3-0-3) 162 Hours/6 Weeks

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.

Instructors:	Kim Staples RN, MSN, CHSE Sec AC3 (Course Lead)	Nicole Kerschbaumer RN, BN Sec AC2	Dayna Walker RN, BScN Sec AC4	Tamara Van Tassell RN, MN Sec AC1
	<u>Lecture:</u> <u>Lab</u> <u>Clinical:</u> Unit 22 Monday/Tuesday 0700-1900	<u>Clinical:</u> Unit 12 Thursday/Friday 0700- 1900	<u>Lab</u> <u>Clinical:</u> Unit 22 Thursday/Friday 0700-1900	<u>Clinical:</u> Unit 12 Monday/Tuesday 0700- 1900
Phone:	780-539-2756	780-539-2757	780-539-2826	780-539-2798
Office	HEC 368	HEC 337	HEC 349	HEC 360
Office Hours	<i>By Appointment</i>			
Email:	Kstaples @nwpolytech.ca	Nkerschbaumer @nwpolytech.ca	Dwalker @nwpolytech.ca	tvantassell@ nwpolytech.ca

CALENDAR DESCRIPTION:

Advanced Acute Care Nursing Practice I builds on and consolidates concepts and intentional learning from NS2210 and NS2250. Lectures, labs and clinical experiences focus on integrating prior learning to move towards providing comprehensive patient and family centered care. Nursing practice clinical experiences will build on professional qualities and socialization to the role of the nurse in an acute care setting.

PREREQUISITE(S)/COREQUISITE: NS2160, NS2240 and NS2250

REQUIRED TEXT/RESOURCE MATERIALS:

Urden, L., Stacy, K. & Loough, Mary E. (2022) Critical Care Nursing - Diagnosis and Management
9th: Elsevier

All previously required textbooks and resources will be used as reference throughout the program. Please retain your copies as they may be required in future courses.

DELIVERY MODE(S): Attend On Campus, In-person (Lecture, Lab, & Clinical)

COURSE OBJECTIVES:

1. Demonstrate safe, ethical and collaborative practice with adult patients in acute care settings.
2. Demonstrate interprofessional collaboration competencies.
3. Demonstrate integration of evidence-informed knowledge from previous and concurrent nursing courses in the clinical/lab/ simulation setting.
4. Demonstrate clinical reasoning, application of the nursing process and implementation of a plan of care for adult patients in acute care settings.
5. Demonstrate professional and therapeutic communication skills
6. Demonstrate documentation and communication of assessments and nursing care in accordance with nursing practice standards.

GUIDING CONCEPTS:

Professional Identity, Clinical judgement, Ethics, Collaboration, Technology & Informatics.

Demonstrating Application in Clinical Practice Related Concepts:

Development, Functional Ability, Family Dynamics, Culture, Spirituality Adherence, Self-Management, Fluid and Electrolytes, Acid - Base Balance, Thermoregulation, Sleep, Cellular Regulation, Intracranial regulation, Hormonal Regulation, Glucose Regulation, Nutrition, Elimination, Perfusion, Gas Exchange, Clotting, Reproduction, Sexuality, Immunity, Inflammation, Infection, Mobility, Tissue Integrity, Sensory Perception, Pain, Fatigue, Stress, Coping, Mood and

Affect, Anxiety, Cognition, Psychosis, Addiction, Interpersonal Violence, Leadership, Safety, Evidence, Health Care Quality, Health Care Disparities (Equity), Health, Nursing

Nursing Intervention Related Concepts:

Caregiving, Care Coordination, Palliative Care

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:

Students must receive an overall minimum of C- in the Graded components, as well as a PASS in the clinical portion to receive credit for NS 3210

Assignments/Course Components	Due dates	Weight
1) Safe medicate	Beginning of Term	PASS/FAIL
2) Knowledge Checks on my Class	Sundays by 2359 Dates: Sept 4,11,18,25 Oct 2	25%
3) Clinical Judgement Exercise	October 5, 2022 0800-1200hrs	25%
4) Simulation Reflection	October 1, 2022 2359hrs	25%
5) Clinical Assessment Tool (CAT)	Midterm Week 3 Final Week 6 (dates per instructor)	PASS/FAIL
6) Final Exam	October 19, 2022 1000-1050hrs	25%

SafeMedicate Exam

Students must pass all modules of SafeMedicate with a minimum of 90% in order to continue in clinical. This will be done during the first week of classes.

Students will have a total of 3 attempts to complete this exam. An unsuccessful third attempt will result in a failure in the course.

The Modules tested include: FNS Essential skills, FNS Advanced Skills: **Bodyweight-Based Calculations & FNS Advanced Skills: Injectable Medicines Therapy**

Lecture/Lab (Graded)

1. Weekly Knowledge Checks- To be completed on myClass by Sundays @ 2359hrs. Includes content from Lecture, Lab & Readings. It is expected that students have completed the assigned readings/activities posted on myClass page prior to lab and lecture classes.

2. Clinical Judgement Exercise:

In alignment with the third year nursing focus of caring for clients experiencing more acute variances in health, this exercise will give you the opportunity to implement the nursing assessment and critical judgment within an acute patient scenario.

You are the RN who is the primary care giver to the client outlined in the scenario. You will have specific questions to answer throughout the scenario.

Examples of questions include but not limited to;

What is the relationship of the patient's past medical history and prescribed medications?

What is the relationship if any between the current problem and past medical history?

Identify relevant diagnostics and their significance.

What is the prognosis for the patient?

Guidelines:

1. You will be given 4 hrs to complete your Critical Judgement Exercise. You will be provided the scenario electronically; either through myclass or email. Your instructor will provide that information the week prior. You are able to use any textbooks and current evidence based resources to help you with the exercise, you are complete the assignment **INDIVIDUALLY**.
2. Please ensure you answer each question to the best of your knowledge, each question will have the corresponding mark included.
3. Please upload your assignment to the dropbox on myclass. The assignment will be made available starting at 0800hrs on October 5, 2022 and needs to be submitted to the dropbox no later that 1200pm (noon). **This assignment will be completed October 5, 2022 prior to 1200hrs.**

3. Simulation Reflection:

Reflection can occur before, during and after situations. It allows one to reflect on a personal experience for the purpose of self awareness and professional growth. Benefits of reflective writing include critical thinking skill development, synthesis of classroom and clinical knowledge, self-awareness, professional growth and promotion of professional behaviors, and awareness of emotional responses, personal biases, and beliefs. (Kerr, 2010).

Guidelines:

- Identify which simulation experience you will choose. Students will choose one simulation that occurred in week 3 or 4 to reflect on.
- Identify your role in the simulation experience; active observer or active hands on participant.
- How did you prepare for the experience? Describe the experience.
- What was the experience like for you? Did you have pre conceived ideas of the experience and did those notions change for you when the simulation was done?
- What did you learn from the experience? How will this experience influence your nursing practice? What would you do differently next time?

The reflection will be written using professional nursing writing. The reflection will be 5-7 pages in length; excluding title page and references. Please submit to your lab section dropbox.

Referencing, formatting and citations will be in APA 7th edition

The reflection will be uploaded to the dropbox on my class no later than **October 1, 2022 2359hrs.**

Rubric for the reflection is available on myclass for reference.

4. Final Exam

The final exam for this course will focus on learnings from lecture, labs, readings, weekly knowledge checks as well as simulation experiences. The exam will be completed online during class time on **October 19, 2022**. You will be provided a NWP laptop to complete the exam. The exam will include multiple choice questions as well as some of the new generation NCLEX style questions.

5. Clinical Assessment Tool- CAT (Pass/Fail)

Students must receive a **PASS in all sections of the CAT (Clinical Assessment Tool) to pass the clinical section of the course*

A formative assessment of nursing practice will be completed by the student and instructor midway through the course. This will be accomplished through observation, assessment, and evaluation of the student in various activities. Feedback may be supplemented with input from peers, the staff of the agency, and the clients. The instructor will provide the student with a formative verbal or written evaluation at the midpoint of the course and a summative written final evaluation at the end of the course.

At midterm students who receive an “, Failure, At Risk or below average” in any of the indicators on the Clinical Assessment Tool will develop a Learning Support Plan in collaboration with their Clinical Instructor. Students must successfully meet the requirements of the Learning Support Plan by the agreed upon date. At “final”, students must achieve a “PASS” on all areas of the Clinical Assessment Tool in order to successfully complete NS 3210.

Other Learning Activities

Patient Research:

It is expected that students come prepared to the assigned clinical shifts with completed patient research. In an effort to ensure safe patient care students will be able to access the patient chart a day prior to the first clinical shift. Students will arrive to the unit professionally dressed with NWP identification to complete patient research. For example: clinical shift is scheduled for Monday, you will arrive to the unit on Sunday to prepare for your patient.

Instructors will review what is expected for patient research and times that the patient assignments will be posted on the specific units. Instructors have the discretion to remove you from the clinical unit should you not be prepared to practice safe patient care.

Post Conferences:

At the end of the clinical day groups will meet in HEC in a private room to conclude the clinical shift. This is a time for students to reflect and analyze the events of the day. Post clinical conferences are confidential discussions in which students are able to share experiences, thoughts and emotions from the shift. This is an opportunity for instructors to also clarify any questions or issues that have come up through the day.

Simulation Experiences:

Simulation is a safe, fun and interactive learning experience in which students can care for a variety of patients. Simulation has been known to increase confidence and knowledge with healthcare education. It provides standardization of cases, promotes critical thinking, allows supervision of patient care, provides immediate feedback, and helps students to assimilate knowledge and experience.

In this course patient care may be simulated using any of the following:

Standardize patient – human

Task Trainers – body parts ie. IV arm

Virtual based – computer programming

Medium fidelity- mannequin that has basic human functions. “Nursing Anne Dolls”

High Fidelity – Mannequin that has higher functioning human functions. “Apollo Doll”

Components of simulation:

For each simulation experience scenario information will be sent out a few days prior so that each student can prepare to care for the patient. A simulation orientation will be completed in lab time as prior so students can familiarize. In this course specifically lecture class will also be focused on similar concepts of the simulation.

All students will be involved in the simulation: either as an active participant or active observer. Each student will have the opportunity to be an active participant at least one time. Once the simulation has been completed all students will participate in a debriefing session. Simulation performance for this course is **non-evaluative**.

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	90-100	C+	2.3	67-69
A	4.0	85-89	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

COURSE SCHEDULE/TENTATIVE TIMELINE:

Week/Dates	Lecture	Lab	Clinical
Sept 1-2	none	none	As per schedule
Sept 6-9	Course Orientation/TPN	TPN	As per schedule
Sept 12-16	Ventilation, Oxygenation, inflammation	Chest Tubes/Trach Care	As per schedule
Sept 19- 23	Intercranial Perfusion, Cardiac Perfusion	Simulation	As per schedule
Sept 26- 30	Hormonal/Endocrine, Pain, Inflammation, Infection	Simulation	As per schedule
Oct 3 – 7	Clinical Judgement Exercise	Simulation	As per schedule

Oct 10-14	Fall break- no classes	No lab	No clinical
Oct 17- 22	Final Exam	Simulation	As per schedule

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.

Please take the time to familiarize yourself with the policies that might impact you while you are here:

- NWP Department of Nursing Education & Health Studies Handbook <https://www.nwpolytech.ca/BScN Handbook>
- NWP Policies: [Northwestern Polytechnic administrative/academic policies](#)
- NWP Students Rights & Responsibilities Policy: [Students Rights & Responsibilities Policy](#)

Attendance:

Attendance for all lectures, labs and clinical is expected. Absences will jeopardize overall clinical performance and success in the course and may result in a Failure.

Absences from clinical may result in the instructor being unable to effectively evaluate the student's clinical performance resulting in a Fail. Students must pass the CAT for success in the course.

Academic Misconduct:

Academic misconduct in all its forms is a serious offence.

Academic misconduct is the giving, taking, or presenting of information or material that unethically or dishonestly aids oneself or another on any work which, under normal circumstances, is to be considered in the determination of a grade or the compilation of academic requirements or the enhancement of that student's record or academic career. The two key areas of academic misconduct are plagiarism and cheating. Please read the definitions that follow.

Plagiarism:

The use of close imitation of language, paintings, films, prototypes and ideas of another author and representation of them as one's own original work. The most common forms of plagiarism are: copying or paraphrasing another author's work without proper acknowledgement, using the ideas or lines of reasoning of another author's work without proper acknowledgement, submitting work to which someone else has made substantial improvements to the content, and submitting the same work for multiple courses without approval. Plagiarism can be judged to have occurred if the instructor has both the submitted material and original source that was copied, or if the student is unable to explain the terminology or ideas of a submission.

Late 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 (or one letter grade) for the assignment deducted for each day/partial day (including weekend days) beyond the due time. For example, a paper marked at B+ would receive an adjusted grade of B if handed in one day late. 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.