



Laboratory & Simulation: Supportive Care for Clients with Non-emergent Health Issues

N2231/NRSG 7119

2024-2025

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Laboratory & Simulation: Supportive Care for Clients with Non-emergent Health Issues

Calendar Description

This course will provide students opportunity to apply and integrate concepts related to health promotion and caring with clients experiencing barriers to health and requiring support to maintain and improve health.

***Prerequisite(s):** Registration in year 2 of the Western-Fanshawe Collaborative BScN program.*

***Extra information:** Average 8 hours/week of professional practice in a laboratory or simulation setting*

***Course weight:** 0.5 FCE*

Expanded Course Description

This course will provide students with the opportunity to apply and integrate concepts learned to date in theory classes, the laboratory and/or other professional practice settings using a variety of learning activities. Students will continue to develop competency in technical nursing skills, the attitudes necessary for nursing and interprofessional practice, and thinking patterns of professional nurses. Development and implementation of holistic plans of care with clients experiencing barriers to health, and requiring support to improve and maintain health, will be explored. Students will work collaboratively with clients and the interprofessional health care team to engage in client-centred care from a health promotion perspective.

Course Goals

Students will:

1. engage in evidence-informed practice in a safe, caring, ethical manner according to professional standards.
2. identify priorities and consistently use caring, health promotion, and problem-solving approaches in practice.
3. consistently reflect on nursing practice and self as a practitioner.
4. be self-directed and accept responsibility for own learning.
5. begin to participate as a member of the interprofessional health care team.
6. use information literacy skills to seek evidence for nursing practice.
7. implement nursing approaches based on competencies and ethical guidelines of professional nursing organizations.

Competencies for entry-level Registered Nurse practice (CNO, 2020) addressed in the course:

Clinician: 1.2, 1.4- 1.7, 1.11, 1.12, 1.21, 1.25, 1.27

Professional: 2.1, 2.2, 2.4, 2.5, 2.9, 2.10

Communicator: 3.1, 3.2, 3.3, 3.5-3.8

Collaborator: 4.1

Leader: 6.4, 6.6

Advocate: 7.2
Educator: 8.4,
Scholar: 9.1-9.3

Course Materials

Required:

Vallerand, A., & Sanoski, C. (2021). Davis Drug guide for Nurses (17th ed.) F.A. Davis Company. This can be accessed for free at <https://ebookcentral.proquest.com/lib/west/detail.action?pq-origsite=primo&docID=6401990>

Western-Fanshawe Collaborative BScN Program Manual found on the [Nursing Undergraduate Student Information site](#) .

safeMedicate Online Learning package. This is to be purchased directly at [safeMedicate.net](https://www.safeMedicate.net) . Please follow instructions online to purchase a six-month subscription. The cost is approximately \$40.00 USD

Lab kits, which are purchased through the UWO Bookstore (Western site only) the cost is approximately \$110.00

Uniforms, a name tag, watch and stethoscope are required. Please refer to the Dress and Uniform Policy, found at [Nursing Student Undergraduate Information site](#) .

Recommended:

Lapum, J., & Hughes, M., et al. (2021) Introduction to health assessment for nursing practice. Daphne Cockwell School of Nursing, Toronto Metropolitan University
<https://pressbooks.library.torontomu.ca/opennursing/chapter/health-assessment/>

Methods of Evaluation

In order to receive a satisfactory grade in N2231/NRSG 7061, students must be able to meet the competencies in all areas of professional practice. This includes the laboratory component as well as the simulation/professional practice component. *Failure to achieve a satisfactory grading in all of the professional practice components of this course will result in an unsatisfactory grade (failure) in the course.*

To achieve a satisfactory grade in this course students will:

- attend and interact at all professional practice sessions;
- demonstrate safety and competence in professional practice;
- complete all professional practice assignments and submit them on time;
- achieve ratings on the Professional Practice Collaborative Evaluation form at the Developing or Accomplished level in the majority of categories;
- complete all assigned modules and practice tests in the safeMedicate online learning program;
- complete all preparatory work as outlined in the learning activities;

- attain a cumulative average of 90% on three medication administration tests;
- attain minimum of 85% on the Medication Administration Practical Exam;
- attain minimum of 80% on the Aseptic Technique Practical Exam.

Title: Medication Administration Practice Quizzes and Modules

Due Date: Weeks 3-11

The purposes of the medication administration practice quizzes are for students to:

- demonstrate competency with dosage calculations.

Full Description

Students are required to complete a series of online medication administration practice quizzes via the safeMedicate online learning program at <https://www.safemedicate.net>. This includes the foundational numeracy module, which assesses basic competency in numeracy. The purpose of the quizzes is to provide ongoing feedback to students regarding their proficiency in dosage calculation and reinforce this knowledge through multiple practice opportunities.

Students must complete all assigned modules in the safeMedicate online learning program in order to receive a satisfactory grade in the course.

All practice quizzes must be completed prior to various lab sessions as outlined in the learning activities to receive a satisfactory grade in the course.

Title: Medication Administration Tests

Due Date: Weeks 5, 8, 11/12

The purposes of the medication administration tests are for students to:

- demonstrate accuracy with dosage calculations;
- demonstrate knowledge of CNO practice standards;
- demonstrate clinical judgment related to medication administration.

Full Description

A 90% *cumulative* average on the three designated tests is required to achieve a satisfactory grade in the course. All tests will take place during lab time. Calculators may be used, in keeping with the NCLEX examination taken upon graduation. The timing and weighting of the tests are summarized as follows:

Evaluation	Date	Weighting
Test 1- Oral and liquid medications	February 4 (Western site) (week 5)	Cumulative average of 90% over 3 tests required

Test 2- Injectable medications.	March 6 (Western site) (week 8)	Cumulative average of 90% over 3 tests required
Test 3- Intravenous therapy and medications.	March 27 or April 1 (Western site) (week 11/12)	Cumulative average of 90% over 3 tests required

Title: Medication Administration Practical Exam

Due: Week 6

The purposes of this evaluation are for students to demonstrate the ability to:

- engage with a client in a safe, caring, professional, and ethical manner;
- identify relevant assessments prior to administration of medications;
- verification of client identity and calculation of medication dosage;
- prepare and administer oral medication correctly;
- provide appropriate health teaching;
- document in accordance with CNO standards.

Full Description

Students will be given a client scenario and a medication administration record (MAR). Students will be asked to identify relevant assessments based on the medications due for that scenario, and prepare and administer the medications to a client following CNO standards. Students will wear uniforms to the Practical Exam.

Students must attain a minimum grade of 30/35 (85%) to achieve a satisfactory grade in the course.

The grade for the Medication Administration Exam will be based on:

- engagement with the client in a caring, professional, and ethical manner;
- demonstration of methods to ensure safety for both the client and nurse, including infection control measures;
- identification of relevant assessments prior to administration of medications;
- demonstration of correct procedure when administering medications;
- provision of health teaching at a level consistent with the client's level of understanding;
- proper documentation on the eMAR;
- critical reflection on ability to administer medication.

Title: Aseptic Technique Practical Exam

Due: Week 11 or 12

The purposes of this evaluation are for students to demonstrate ability to:

- engage with a client in a safe, caring, professional, and ethical manner;

- integrate concepts and skills related to aseptic technique;
- provide pertinent health teaching to promote wound healing;
- document care in accordance with CNO standards.

Full Description

Students will be given a client scenario. Students will perform the appropriate wound assessments, perform a simple sterile dressing change, and document the procedure, including assessment findings.

Students must attain a minimum grade of 80% on the performance of the sterile dressing change and documentation component in order to achieve a satisfactory grade in the course.

Title: Professional Practice Collaborative Evaluation (PPCE)

Due: Mid-term and end of term, as determined by the simulation schedule

The purposes of this evaluation are for students to demonstrate ability to:

- demonstrate ability to critically examine their own practice
- identify strengths in their practice
- identify gaps in knowledge and skill
- develop a plan to address identified gaps in knowledge and skill

Full Description

At the mid-term and end of term, students and instructors will complete a Professional Collaborative Evaluation form. The goal is to identify strengths, gaps in knowledge and skill and outline a plan to address those gaps. Students will rate their performance level and then complete a narrative portion of the assessment. The form will then be submitted to their instructor for their ratings and comments. *Students must be at the Developing or Accomplished level in the majority of categories by the end of the course in order to achieve a satisfactory grade in the course.* Please see the PPCE posted on the course site for more details.

Weekly Lab and Simulation Schedule- Western Site

Please refer to the information posted on the course site in Brightspace.

Undergraduate Program Site

All students are required to visit the Undergraduate Program Site and be familiar with its contents. The Undergraduate Program Manual and full list of School of Nursing Policies can be accessed at the Western site at: [Undergraduate Nursing Information sharepoint site](#)

Course Communication and Process:

A respectful, supportive learning environment among students and faculty members will be created. This will be done through diligent preparation, and active participation in all professional practice activities.

Students will be required to complete all the preparation activities for each professional practice session and to use their knowledge from their preparation to participate fully in professional practice activities. All students are expected to share their experiences and engage in reflective analysis of their professional practice in order to advance learning. Attendance at all professional practice sessions is mandatory, as are respectful interaction and the provision of nursing care based on College of Nurses (CNO) standards. Communication will occur via announcements posted on the course site and emails using your institution's regular email system. *Students must visit the course site on a regular basis*, as messages and updates are posted by the course instructor regularly. Every attempt will be made by faculty members to respond to emails within 48 hours during weekdays. Students who are having difficulty with course content should contact their instructor for assistance.

Correspondence Statement

The centrally administered e-mail account provided to students will be considered the individual's official university e-mail address. It is the responsibility of the account holder to ensure that e-mail received from the University at their official university address is attended to in a timely manner. Students are further expected to attend to announcements presented through Brightspace, and to read emails generated in this way.

Brightspace

All course material will be posted to OWL Brightspace: <https://westernu.brightspace.com/>. If students need assistance with OWL Brightspace, they can seek support on the [OWL Brightspace Help](#) page. Alternatively, they can contact the [Western Technology Services Helpdesk](#) online or by phone at 519-661-3800 or ext. 83800 for technical support. Current versions of all popular browsers (e.g., Safari, Chrome, Edge, Firefox) are supported with OWL Brightspace; what is most important is that you update your browser frequently to ensure it is current. All JavaScript and cookies should be enabled.

Accessibility Statement

Please contact the course instructor if you require material in an alternate format or if you require any other arrangements to make this course more accessible to you. You may also wish to contact Accessible Education (AE) at 661-2111 x 82147 for any specific question regarding an accommodation or review [The policy on Accommodation for Students with Disabilities](#)

Policies

All policies related to assignments are in the Undergraduate BScN Programs Manual found at: [Undergraduate Nursing Information sharepoint site](#)

Uniform Policy

Uniforms must be worn during all simulation and laboratory sessions. For more information, please refer to the Dress and Uniform Policy found at: [Nursing Undergraduate Information sharepoint site](#)

Attendance Policy

Students are expected to demonstrate professional responsibility through regular attendance at, and engagement in, all scheduled clinical learning experiences. Because much of the learning that takes place is a result of preparation and engagement with the material, and active dialogue with colleagues, clients, interprofessional team members, and faculty, maximizing attendance is an important aspect of baccalaureate nursing education.

Attendance at all clinical learning experiences is mandatory. The School of Nursing has an obligation to the public and the profession to protect the pedagogical integrity of its courses and the program as a whole. For this reason, clinical learning experiences are mandatory for students to develop essential competencies for entry to practice as Registered Nurses in Ontario.

A student cannot miss more than **one simulation or two laboratory sessions**. Please note, this does not mean that you are “allowed” to miss one simulation or two laboratory sessions. Students missing more than one simulation session or two lab sessions (regardless of reason) will receive an unsuccessful course outcome. Students will not receive a written warning for their absences. Notification of the unsuccessful course will be sent to the student by the Course Coordinator following the second absence in simulation. *Students are responsible for learning the material for any missed sessions.*

If absent, the student must, prior to the beginning of the simulation or lab:

- notify the instructor prior to the simulation or lab session
- complete and submit the Absence from Clinical Learning form found at [Nursing Undergraduate Information sharepoint site](#) before the simulation or lab starts
- complete all pre-simulation or lab learning activities and submit any assignments as outlined

For further information, please see the Absence from Clinical Learning policy, found at: [Nursing Undergraduate Information sharepoint site](#)

Academic Accommodations

No academic accommodation is permitted in relation to clinical learning experiences. Clinical learning experiences refers to activities in the laboratory and simulation contexts. The dynamic and unpredictable nature of clients and the healthcare environment, alongside the highly variable contexts in which students engage in care, renders the specific provision of additional time to complete activities, and/or quiet spaces to complete activities, inappropriate and a risk to client and student safety. All students must complete all practical timed assessments in the required environment within the time allotted. Academic accommodation will be granted for any written tests only, as specified by the Accessible Education services.

Accommodation for Religious Holidays

Students should review the policy for [Accommodation for Religious Holidays](#). Where a student will be unable to write examinations and term tests due to a conflicting religious holiday, they should inform their instructors as soon as possible but not later than two weeks prior to writing the examination/term test. In the case of conflict with a midterm test, students should inform

their instructor as soon as possible but not later than one week prior to the midterm.

Late Submission of Assignments

All assignments are to be submitted by the due dates, unless an extension has been granted. For information on late assignments and extensions, please see the Western-Fanshawe Collaborative BScN Program Manual at: [Undergraduate Nursing Information sharepoint site](#)

If an extension is requested, the request must be made in writing to the academic advisor (Western site) at least 24 hours prior to the due date. *Failure to submit an assignment by the due date will result in an unsatisfactory grade in the course. Requests for extensions will not be processed on weekends.*

Use of Electronic Devices

Cell phones and other electronic devices are not permitted in the nursing skills lab or simulation suite. If you require a laptop or tablet, contact your instructor to discuss this. If you are granted permission to use a laptop or tablet, you are expected to use the computer for scholastic purposes only, and refrain from engaging in any activities that may distract other students from learning. Please note that basic calculators are permitted for dosage calculations.

During Exams/Quizzes: Unless you have medical accommodations that require you to do so, or explicit permission from the instructor of the course, you may not use any electronic devices (e.g., cell phones, tablets, cameras, smart glass, smart watches, or iPods) during ANY tests, quizzes, midterms, examinations, or other in-class evaluations. **These devices MUST either be left at home or with your belongings at the front of the room. They MUST NOT be at your test/exam desk or in your pocket. Any student found with a prohibited device will receive an automatic grade of zero on the test or exam.**

Support Services

There are various support services around campus and these include, but are not limited to:

1. Academic Support and Engagement - <http://academicsupport.uwo.ca>
2. Wellness and Well-being - <https://www.uwo.ca/health/>
3. Registrar's Office -- <http://www.registrar.uwo.ca/>
4. Ombuds Office -- <http://www.uwo.ca/ombuds/>

The websites for Registrarial Services (<http://www.registrar.uwo.ca>), and the same for affiliated university colleges when appropriate, and any appropriate Student Support Services (including the services provided by the USC listed here: <http://westernusc.ca/services/>) and the Student Development Services, should be provided for easy access.

Mental Health Support

Students who are in emotional/mental distress should refer to MentalHealth@Western <https://www.uwo.ca/health/> for a complete list of options about how to obtain help.

Statement on Gender-Based and Sexual Violence

Western is committed to reducing incidents of gender-based and sexual violence and providing compassionate support to anyone who has gone through these traumatic events. If you have experienced sexual or gender-based violence (either recently or in the past), you will find information about support services for survivors, including emergency contacts at:

https://www.uwo.ca/health/student_support/survivor_support/get-help.html.

Student Safety

Please refer to the Undergraduate BScN Programs Manual section on Student Safety Concerns. This may be found on the [Nursing Undergraduate Information - Home \(sharepoint.com\)](#)

Student Code of Conduct

The purpose of the Code of Student Conduct is to define the general standard of conduct expected of students registered at Western University, provide examples of behaviour that constitutes a breach of this standard of conduct, provide examples of sanctions that may be imposed and set out the disciplinary procedures that the University will follow. For more information, visit <https://www.uwo.ca/univsec/pdf/board/code.pdf> . The code of conduct for clinical education and simulation suites is found at [Nursing Undergraduate Information - Home \(sharepoint.com\)](#)

Academic Offences

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following website: http://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_undergrad.pdf

Scholarly Requirements

All scholarly writing will follow the 7th edition of the *Publication manual of the American Psychological Association* (2020). All other types of writing will follow APA (7th ed.) format when citing or referencing another author's work or ideas. Failure to do so is unethical and is plagiarism.

Plagiarism

Student work is expected to be original. Plagiarism is a serious academic offence and could lead to a zero on the assignment in question, a zero in this course, or your expulsion from the university. You are plagiarizing if you insert a phrase, sentence or paragraph taken directly from another author without acknowledging that the work belongs to him/her. Similarly, you are plagiarizing if you paraphrase or summarize another author's ideas without acknowledging that the ideas belong to someone else. All papers may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between Western University and Turnitin.com (www.turnitin.com).

Use of Artificial Intelligence (AI) for the Completion of Course Work

Within this course, students are permitted to use AI tools exclusively for information gathering and preliminary research purposes. These tools are intended to enhance the learning experience by providing access to diverse information sources. However, it is essential that students critically evaluate the obtained information, exercise independent thinking, and engage in original research to synthesize and develop their own ideas, arguments, and perspectives. The use of AI tools can serve as a starting point for exploration, with students expected to uphold academic integrity by appropriately attributing all sources and avoiding plagiarism. Assignments should reflect the student's own thoughts and independent written work. By adhering to these guidelines, students contribute to a responsible and ethical learning environment that promotes critical thinking, independent inquiry and allows them to produce original written contributions.

Re-submission of Previously Graded Material

Without the explicit written permission of the instructor, you may not submit any academic work for which credit has been obtained previously, or for which credit is being sought, in another course or program of study in the University or elsewhere.

Copyright and Audio/Video Recording Statement

Course material produced by faculty is copyrighted and to reproduce this material for any purposes other than your own educational use contravenes Canadian Copyright Laws. Unless explicitly noted otherwise, you may not make audio or video recordings of laboratory sessions or simulations – nor may you edit, re-use, distribute, or re-broadcast any of the material posted to the course website.

Social Media

It is a breach of privacy and confidentiality, and highly unprofessional, to post information on any social media platform about topics such as, but not limited to:

- peers
- class activities/discussion
- laboratories
- simulated clients or simulations
- communications with staff and professors

Students who violate this policy will be reported to the Associate Director. Such behaviours may compromise a student's standing in the program.