Practical Nurse

Fall 2022

PN 200 Nursing Foundation III: Medical/Surgical Nursing

9 credits

45 hours lecture

90 hours lab

Course Description

The focus of this combined nursing theory and skills course is on nursing care and related skills based on evidence-informed medical/surgical nursing practice. The student builds upon previous knowledge, related theory and skills in adapting the nursing approach of the care of the medical/surgical client using the nursing metaparadigm and the nursing process. The student continues to develop leadership skills through the experience of mentorship. A laboratory component is included in which students apply theory and practice nursing skills related to medical/surgical nursing, including intravenous medication administration. This course prepares the student for the medical/surgical clinical practicum.

Prerequisite: Successful completion of all first-year courses

Instructor

Name: Fatima Legrou

Office number:

Phone number:

Email: Fatima.Legrou@keyano.ca

Office Hours

Hours of Instruction

See timetable

Required Resources

Hussein, M. T., & Osuji, J. (2020). *Brunner & Suddarth's Canadian textbook of medical-surgical nursing* (4th ed.). Wolters Kluwer

Killian, T. N. (2022). *Evolve resources for Gray Morris's calculate with confidence* (2nd Canadian ed.). Mosby.

Potter, P. A., Perry, A. G., Stockert, P. A., Hall, A. M., Astle, B. J., & Duggleby, W. (2019). *Nursing skills online 4.0 for Canadian fundamentals of nursing* (6th ed.). Mosby.

Potter, P. A. (2019). *Elsevier adaptive quizzing for Canadian fundamentals of nursing* (6th ed.). Mosby.

Potter, P. A., Perry, A. G., Stockert, P. A., Hall, A. M., Astle, B. J., Duggleby, W., Engel, J., & Shoalts, K. (2018). *Study guide for Canadian fundamentals of nursing* (6th ed.). Elsevier Canada

Practical Nurse Collaborative Curriculum. (2019). *Nursing foundations III: Medical/surgical nursing*. Course materials.

OTHER REQUIRED RESOURCES

Ackley, B. J., Ladwig, G.B. & Flynn-Makic, M.B. (2017). *Nursing diagnosis handbook: An evidenced-based guide to planning care* (11th Ed.). Elsevier

Vallerand, A. H., & Sanoski, C. A. (2018). *Davis's Canadian drug guide for nurses* (16th Ed.). F.A. Davis.

Internet Resources to Supplement Text Readings

Allen, S.L. (2006). Mentoring: The magic partnership. *Canadian Operating Room Nursing Journal* 24.4: 30-38.

Canadian Medical Association. (2004). *The Canadian adverse events study: The incidence of adverse events among hospital patients in Canada*. Retrieved from http://www.cmaj.ca/content/170/11/1678.full

Institute for Healthcare Improvement. (n.d.). *SBAR technique for communication*. Retrieved from http://www.ihi.org/knowledge/Pages/Tools/SBARTechniqueforCommunicationASituationalBriefingModel.aspx

Course Outcomes

Upon completion of this course, you will be able to:

1. Model professional attitudes, judgments and ability in the classroom and lab settings.

2. Apply the concepts of healthy living to maintain personal and professional well-being in the classroom and lab setting.

3. Integrate concepts from the arts, sciences and social sciences and nursing foundations into a developing professional practice.

4. Describe the role of the practical nurse and interdisciplinary team in providing nursing care to the adult medical-surgical client.

5. Perform appropriate client assessments, interpret the significance of findings and identify priority nursing diagnosis related to nursing for the adult medical-surgical client in a simulated lab setting.

6. Plan safe, effective, competent and holistic nursing care for the adult medical-surgical client based on analysis of available data and evidence-informed practice guidelines in a simulated lab setting.

7. Perform safe, effective, competent and holistic medical-surgical nursing interventions to optimize client strengths, achieve expected health outcomes, and promote wellness in a simulated lab setting.

8. Evaluate the outcomes resulting from nursing and healthcare interventions, and adjust priorities and the plan of care as required in a simulated lab setting.

9. Apply knowledge of documenting, reporting, and recording of pertinent client information to medical-surgical nursing.

10. Communicate effectively and accurately, and work collaboratively with instructors and classmates in the classroom and lab setting.

11. Describe the role of the practical nurse and interdisciplinary health-care team in the medical-surgical setting.

12. Apply principles of teaching and learning and health promotion related to the medical/surgical client.

13. Integrate knowledge of self-regulation, critical inquiry and clinical judgment, leadership, cultural competence, teamwork, reflection, and continuous learning and competency development into lab practice.

14. Apply knowledge of governing regulation/legislation and ethics related to the provision of medical-surgical nursing care.

15. Integrate research findings that support evidence-informed practice in the delivery of medical-surgical nursing care in the classroom and simulated lab setting.

16. Contribute to a culture of safety within the classroom and lab setting as it relates to medical-surgical nursing.

CLPNA Competencies

The following CLPNA competencies are learned during the Nursing Foundations III course:

- A: Nursing Knowledge
- B: Nursing Process
- C: Professionalism and Leadership
- D: Communication and Technology
- E: Nursing Practice
- F: Safety
- G: Respiratory
- H: Orthopedics
- I: Neurological
- J: Cardiovascular
- K: Surgical
- O: Emergency
- P: Gerontology
- Q: Palliative Care
- S: Oncology
- T: Occupation Health and Safety
- U: Medication Management
- V: Infusion Therapy
- Z: Standards of Practice for Performing Restricted Activities

Course Delivery Method

This course is delivered using

Course Assessments

The list below contains all graded evaluations and assessments for this course along with due

To receive credit in Nursing Foundations III: Medical/Surgical Nursing, the student must complete all course requirements, which include: a medication calculation component, Medication Calculation exam, research paper, clinical integration assessment, building a professional profile, a midterm exam, and a final exam. Course credit will not be given if only parts of the course have been completed.

The list below contains all graded evaluations and assessments for this course along with due dates and the value of each item towards your final grade.

THEORY			**Date**
Midterm Exam; multiple choice	Demonstrate knowledge of course content (Units 1–5)	**25%**	**September**
Math Calculation Proficiency Exam	Demonstrate knowledge of math calculations	**Pass/Fail**	**October**
Assignment 1: Research Part A **Assignment 2: Research Part B**	Research of Best Practice – Application to Nursing Care	**25%**	**October**
Assignment 3	Building Your Professional Profile	**10%**	**October**
Final Exam Cumulative; multiple choice	Demonstrate knowledge of course content	**40%**	**November**
LAB			
Clinical Integration Assessment	Demonstration of integration of nursing knowledge and skills in the lab setting	**Pass/Fail**	**November**
Guided Practice Labs		**Pass/Fail**	Weekly as per schedule
Total		**100%**	

****Please note:** Students will be notified by the instructor of any adjustments to the schedule.

Assessment Details:

Assignment 1: Research Assignment Part A
Research of Best Practice – Application to Nursing Care

Through this assignment, you will write a scholarly paper on a procedure or issue that may have an impact on the recovery and health of a medical/surgical client. You will apply your research to the care of the client by identifying how the evidence applies to the best care of the client,

including health teaching that is applicable to the recovery and health promotion of the client in the acute-care or home setting.

Assignment 2: Research Assignment Part B

This evidence-based research will be applied into a care plan for the client and will include health promotion teaching.

Medication Calculation Exam

Demonstrate knowledge and competency in medication calculations

The exam will include course appropriate level of application of dosage calculations, medication preparation and administration protocols. Students may use a basic calculator in the exam. The pass mark is set at **90%.**

Students are required to review all previous Medication Calculation material and exercises. Completion of the practice quiz at the end of Chapters 19, and 20 in the current Clinical Calculation text (Calculate with Confidence) is **Mandatory**. All calculations must be written out and this material must be presented to your instructor prior to completing the Medication exam. Failure to do so will result in a course failure. prior to completing the Medication exam. Failure to do so will result in a course failure. Moodle. The Medication Calculation Exam will not be subject to accommodations; the exam will be written within the allotted 45 minute time frame and invigilated by the instructor in the classroom.

Students will have **three opportunities to pass** the Medication Calculation Proficiency Exam. **Failure to pass the exam will result in a course failure**.
The student and the tutor will schedule the exam re-write at a mutually agreed upon time.

Midterm Exam

Demonstrate knowledge of course content covered in Units 1 – 5 in this multiple-choice exam

Assignment 3: Professional Portfolio

The purpose of a cumulative Professional Portfolio is to develop skill in identifying and reflecting on your learning needs and achievements. This skill will serve you well when you become a licensed professional, as you will be proficient in the process of and knowledgeable about reflective practice. Reflective practice is key to the continuing competency requirement annual registration as a nurse. The portfolio provides you a tool for documentation which you can use to demonstrate and track your learning and development as a nurse throughout the practical nurse program. The document can be used as a tool to secure employment in a healthcare setting as a practical nurse graduate.

Final Exam

Demonstrate knowledge of course content in this cumulative, multiple-choice exam

Clinical Integration Assessment

Demonstration of integration of nursing knowledge and skills in the lab setting
 The clinical integration assessment provides the opportunity to demonstrate the integration of the nursing process, nursing metaparadigm, client teaching, and nurse-client relationship required to practice safe medical/surgical nursing care. Demonstration of nursing skills is performed in a simulated clinical situation.

Penalties Assignments
- **ALL** assessments must be successfully completed in order to complete the course. For example, a student cannot choose to <u>not</u> complete an assignment.
- All assessments must be handed in by the time and date set forth by the instructor and outlined in the Course Schedule (below), unless previous arrangements for a negotiated extension has been made with the instructor.
- Late assignments will be penalized 5% each 24-hour period (or portion) these are late; based on the original or negotiated extension due deadline. Penalties will be applied up to 25% then a grade of 0 will be assigned.
- Exceptions can be made for extreme extenuating circumstances at the discretion of the Program Chair.
- Requests for supplemental assessments/grade appeals must be made within 5 business days of receiving your grade.
- No assignments will be accepted after the final examination.

Exams
- Exams are scheduled well in advance so you will have time to schedule around these important dates. If you miss a scheduled quiz or exam without prior notice, you will be given a zero on that exam. You are expected to keep track of all exam dates and times.
- If you have a legitimate reason to reschedule, and the instructor is informed in advance, a new date may be established to accommodate you.
- Quizzes and exams each have a time limit and includes all content included in the Course Schedule. The student must be quite familiar with the content to complete the tests within the time frame allowed. Students are advised to arrange for invigilation (if needed) early to avoid any exam writing issues.
- Supplemental exams **may** be granted for midterm and final exams only at the discretion of the Program Chair.
- Requests for supplemental exams/grade appeals must be made within 5 business days of receiving the grade.
- The mark awarded for the supplemental attempt will not exceed the minimum passing mark for the course, despite the score on the supplemental attempt.

Nursing Labs

- The labs for this course will be held at the student's assigned learning site and will be led by the site instructor. During the lab the student will receive demonstration in physical assessment and/or nursing skills, as well as instructor supervised practice and testing. **Attendance for all labs is mandatory.** Bring all course materials to the lab as directed by the instructor. For each lab, students are

expected to dress professionally, display professional behaviours, practice nursing skills as directed, and complete documentation of skills if applicable. Students are also expected to come to each lab dressed appropriately to be assessed by a classmate during practice (if applicable).

Grading System

Students must successfully demonstrate nursing skills learned in this course in the lab setting during guided practice. They will also practise giving feedback and participating in reflective practice during the lab sessions. Lab participation is mandatory in order to pass the course and commence to clinical. If a student does not receive a grade of "Pass "in the guided practice nursing skills component, he/she will be required to repeat the course.

To receive credit for Nursing Foundations III: Medical/Surgical Nursing, a student must achieve each of the following:

- A minimum overall grade of **60% GPA (1.7)**

- A **Pass** in the guided lab component

- A **Pass** in the Clinical Integration Assessment

Descriptor	Alpha Scale	4.0 Numeric Scale	Percentage
Excellent	A+	4.0	96-100
	A	4.0	90-95
	A-	3.7	85-89
Good	B+	3.3	80-84
	B	3.0	76-79
	B-	2.7	72-75
Satisfactory	C+	2.3	68-71
	C	2.0	64-67
	C-	1.7	60-63
Poor Minimum Pass	D	1.3	55-59
	D+	1.0	50-54
Failure	F	0	0-49

Course Schedule

Week	Dates	Topics
Week 1	August 31-September 3, 2022	Unit 1: Foundations of Medical-Surgical Nursing Unit 4: Management of Client with Altered Integument

		Lab: Documentation, Admission, Transfer, Discharge Lab: Wound Care Part I
Week 2	September 6-10, 2022	Unit 3: Management of Client with Altered Gas Exchange or Respiratory Function Lab: Wound Care Part II Lab: Respiratory Care
Week 3	September 13-17, 2022	Unit 5: Management of Client with Altered Fluid and Electrolyte Balance Lab: Fluid and Electrolytes Part I Assignment 3: Part A - Learning Goal, **Due**

Week 4	September 20-24, 2022	Lab: Fluid and Electrolytes Part II
Week 5	September 27 - October 1, 2022	Unit 6: Management of Client with Altered Urinary or Renal Function Lab: Urinary Function
Week 6	October 4 - 8, 2022	Unit 8: Management of Client with Altered Cardiovascular Function Unit 9: Management of Client with Altered Blood and Immunity Lab: Cardiovascular function, Blood Administration Assignment 1: Research Part A: **Due**
Week 7	October 11-15, 2022	Unit 7: Management of Client with Altered Neurosensory Function Lab: Neurosensory Function

		Midterm Exam Units 1-5
Week 8	October 18 - 22, 2022	Unit 10: Management of Client with Altered Musculoskeletal Function Lab: Musculoskeletal Function, IYM Refresher Medication Calculation Exam
Week 9	October 25 - 29, 2022	Unit 11: Management of Client with Altered GI Function Unit 12: Management of Client with Altered Endocrine Function Unit 13: Management of Client with Altered Reproductive Function Lab : GI Function, TPN Assignment 2: Research Part B Due
Week 10	November 2 - 6, 2022	Unit 2: Management of Perioperative Client Lab: Care of the Perioperative Client Assignment 3: Portfolio Part B **Due**
Week 11	November 8 - 12, 2022	**CLINICAL INTEGRATION TESTING – NO THEORY CLASSES**
Week 12	November 15-19, 2022	Final Exam Cumulative Sim Lab Review for PN210/211

Performance Requirements and Student Services

Student Responsibilities

It is your responsibility as a student to contact the Office of the Registrar to complete the forms for Withdrawal or Change of Registration, and any other forms. Please refer to the list of important dates as noted in the Academic Schedule in the Keyano College credit calendar. The Keyano College credit calendar also has information about Student Rights and Code of Conduct. It is the responsibility of each student to be aware of the guidelines outlined in the Student Rights and Code of Conduct Policies.

Student Attendance
Class attendance is useful for two reasons. First, class attendance maximizes a student's learning experience. Second, attending class is a good way to keep informed of matters relating to the administration of the course (e.g., the timing of assignments and exams). Ultimately, you are responsible for your own learning and performance in this course.

It is the responsibility of each student to be prepared for all classes. Students who miss classes are responsible for the material covered in those classes and for ensuring that they are prepared for the next class, including the completion of any assignments and notes that may be due.

Academic Misconduct
Students are considered to be responsible adults and should adhere to principles of intellectual integrity. Intellectual dishonesty may take many forms, such as:

- Plagiarism or the submission of another person's work as one's own;
- The use of unauthorized aids in assignments or examinations (cheating);
- Collusion or the unauthorized collaboration with others in preparing work;
- The deliberate misrepresentation of qualifications;
- The willful distortion of results or data;
- Substitution in an examination by another person;
- Handing in the same unchanged work as submitted for another assignment; and
- Breach of confidentiality.

The consequences for academic misconduct range from a verbal reprimand to expulsion from the College. More specific descriptions and details are found in the Student Rights and Code of Conduct section of the Keyano College credit calendar. It is the responsibility of each student to be aware of the guidelines outlined in the Student Rights and Code of Conduct Policies.

In order to ensure your understanding of the concept of plagiarism, you must successfully complete the online tutorial found on ilearn.keyano.ca. Then print the certificate, sign it, and show it to each of your instructors. Your course work may not be graded until you show this signed certificate.

Specialized Supports
The Student Services department is committed to Keyano students and their academic success. There are a variety of student supports available at Keyano College. Due to the

continuing situation with the Covid-19 pandemic, the offered support services will be implemented differently this semester by being provided mostly virtually. In-person service can be requested as needed. All Alberta Health Services guidelines will be followed for in-person appointments—wear a mask, maintain two meters of physical distance, use hand sanitizer, and stay home if you are unwell.

All student services are available during Keyano business hours: Monday to Friday, 8h30-16h30.

Accessibility Services: provides accommodations for students with disabilities. Students with documented disabilities, or who suspect a disability, can meet with a Learning Strategist to discuss their current learning barriers and possible accommodations. Students who have accessed accommodations in the past are encouraged to contact us to request them for the semester. Please note that requesting accommodations is a process and requires time to arrange. Contact us as soon as you know you may require accommodations. For accessibility services supports and to book a virtual appointment, please contact accessibility.services@keyano.ca.

Accessibility Services also provides individual and group learning strategy instruction for all students, as well as technology training and supports to enhance learning. Meet with a Learning Strategist to learn studying and test-taking strategies for online classes. Schedule an appointment with the Assistive Technology Specialist to explore technology tools for learning. Book an appointment today by emailing accessibility.services@keyano.ca

Wellness Services: offers a caring, inclusive, and respectful environment where students can access free group and individual support to meet academic and life challenges. Mental Health Coordinators offer a safe and confidential environment to seek help with personal concerns. All individual appointments will continue virtually.

Wellness Services welcomes students to participate in any of the virtual group sessions offered throughout the academic year addressing topics including mindfulness and test anxiety.

Individual virtual appointments can be made by emailing wellness.services@keyano.ca.

Library Services: provides students with research and information supports as they engage in their studies. Library staff are available to support you both virtually and in person throughout the semester. For a detailed list of library supports and services, go to www.keyano.ca/library. For any inquiries, please email askthelibrary@keyano.ca.

Begin your research with the Library's FIND page. Search for sources using OneSearch, the Library's Catalogue, or by searching in a specific database selected from the A-Z Database List.

Individual support with the Information Librarian is available virtually. Appointments can be requested by using the Book A Librarian online form.

Research and Subject Guides are helpful resources when beginning your research or addressing other information needs. To view a subject or course specific guide, go to the Subject Guide webpage here.

To access additional research resources, including Citation Guides (APA, MLA, Chicago, or IEEE), go to the Research Help Library page.

The Loanable Technology collection is available to support students in their online learning pursuits. Items available for borrowing include mobile projectors, webcams, noise cancelling headphones, Chromebooks, and laptops. For an up-to-date list of technology available for borrowing, go to the Library's Loanable Technology webpage.

Skill Centre: Provides academic support services to students registered in credit programs at Keyano College in the form of tutoring, assignment/lab support, writing support groups, facilitated study groups, workshops, and study space. This service is free and is available for all Math, Sciences, Humanities and Trades courses offered at Keyano.

While most courses are being offered online, the Skill Centre will be offering mostly virtual services and in-person sessions as requested. Please email Skill@keyano.ca to get in contact with our Academic Content Specialists. The Skill Centre is located in CC-119 at the Clearwater Campus.

For the most up to date information on how to book a session, please view the Keyano Skill Centre homepage.

Academic Success Coaching: offers you support and access to resources for your academic success to help you to find the Keys to your Success. The Academic Success Coach will work with you to develop an academic success plan, develop your study and time management skills, and connect you with the right resources here at Keyano. Academic.success@keyano.ca is the best way to access resources during virtual service delivery. The Academic Success Coach is located in the Skill Centre in CC-119 at the Clearwater Campus.

E-Learning
Technology and internet will impact your online learning experience. It's important that you are able to watch an online video and other course materials, take online quizzes, and participant in a live class with your instructor and other students.

Keyano College operates in a Windows based environment and having the correct tools for online learning is important. Here's a list of recommended system requirements.

Internet Speed
Minimum Internet speeds of 5 Mbps.
Recommended Internet speeds of 25 Mbps (especially if you are sharing your internet at home). Check your internet speed with Fast.com.

System requirements:

Microsoft Windows	Apple
Minimum Requirements: A Windows 10 **computer/laptop** · Minimum 4GB of RAM. · 10GB+ available hard drive storage. · Enough available hard drive space to install the Microsoft Office suite (approximately 3GB). <u>Microsoft Office</u> software is free to all Keyano students and employees. · Microphone, webcam and speakers. A headset with a microphone is recommended. · System updates must be regularly installed. · Anti-Virus / Anti-Malware software	**Minimum Requirements:** A Macintosh (V10.14 and above) **computer/laptop** · Minimum 4GB of RAM. · 10GB+ available hard drive storage. · Enough available hard drive space to install the Microsoft Office suite (approximately 3GB). <u>Microsoft Office</u> software is free to all Keyano students and employees. · Microphone, webcam and speakers. A headset with a microphone is recommended. · System updates must be regularly installed. · Anti-Virus / Anti-Malware software.
Recommended Requirements · 8GB of RAM · A method of backing up/synchronizing to local or cloud-based storage such as OneDrive is highly recommended. This is included if you complete the setup of KeyanoMail and download	**Recommended Requirements** · 8GB of RAM · A method of backing up/synchronizing to local or cloud-based storage such as OneDrive is highly recommended. This is included if you complete the setup of KeyanoMail and download MS Office

Chromebooks are **not** recommended as they are not compatible with testing lockdown browsers.

A Microsoft Surface or iPad or iPad Pro may be possible alternatives in some program areas.

Specific Department Requirements:
Business and OA programs require Windows 10.
Other programs may utilize Windows based tools as well.

Computer Software
Students will be able to get access to Microsoft Office 365 for free using Keyano credentials by <u>clicking here</u>.

Recording of Lectures and Intellectual Property
Students may only record a lecture if explicit permission is provided by the instructor or by Accessibility Services. Even if students have permission to record a lecture or lecture

materials, students may not share, distribute, or publish any of the lectures or lecture materials, this includes any recordings, slides, instructor notes, etc. on any platform. Thus no student is allowed to share, distribute, publish or sell course related content (instructor, or students) without permission. It is important to recognize that the Canadian Copyright Act contains provisions for intellectual property. The Academic Integrity Policy provides additional information on Keyano College's expectations from students as members of the intellectual community.

ITS Helpdesk
If you are having issues with your student account, you can contact the ITS Helpdesk by emailing its.helpdesk@keyano.ca or calling 780-791-4965.