



COURSE OUTLINE: PNG236 - NURSING PRACTICE III

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Approved: Bob Chapman, Chair, Health

Course Code: Title	PNG236: NURSING PRACTICE III
Program Number: Name	3024: PRACTICAL NURSING
Department:	PRACTICAL NURSING
Semesters/Terms:	18F
Course Description:	This course is comprised of three components: clinical, lab theory and practice and math calculations for drug dosages. The clinical component will provide the learner with opportunities to examine the role of the practical nurse when caring for individuals experiencing acute or chronic health challenges. The lab theory and practice component of this course will provide learning to occur through application of theory and practice in the simulation lab setting. The third component of this course will provide the learner with the opportunity to utilize basic mathematical skills to demonstrate accuracy in calculating drug dosages.
Total Credits:	16
Hours/Week:	15
Total Hours:	210
Prerequisites:	PNG130, PNG131
Corequisites:	PNG233, PNG234, PNG237, PNG238
This course is a pre-requisite for:	PNG250, PNG252, PNG253
Vocational Learning Outcomes (VLO's) addressed in this course:	3024 - PRACTICAL NURSING
Please refer to program web page for a complete listing of program outcomes where applicable.	VLO 1 Communicate therapeutically with clients and members of the health care team.
	VLO 2 Assess clients across the life span, in a systematic and holistic manner.
	VLO 3 Plan safe and competent nursing care, based upon a thorough analysis of available data and evidence-informed practice guidelines.
	VLO 4 Select and perform nursing interventions using clinical judgment, in collaboration with the client and, where appropriate, the health care team, that promote health and well-being, prevent disease and injury, maintain and/or restore health, promote rehabilitation, and/or provide palliation.
	VLO 5 Evaluate the outcomes resulting from all interventions in the nurse-client interaction and modify the plan of care as required.
	VLO 6 Act equitably and justly with clients and members of the health care team.
	VLO 7 Adapt to a variety of health care settings, using different leadership skills and styles as appropriate to each setting.
	VLO 8 Contribute to creating a healthy and safe work environment in a variety of health care settings.
	VLO 9 Practise in a self-regulated, professional and ethical manner, complying with relevant legislation and with the standards of both the regulatory body and the practice setting to provide safe and competent client care.



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Essential Employability Skills (EES) addressed in this course:

- EES 1 Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.
- EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication.
- EES 3 Execute mathematical operations accurately.
- EES 4 Apply a systematic approach to solve problems.
- EES 5 Use a variety of thinking skills to anticipate and solve problems.
- EES 6 Locate, select, organize, and document information using appropriate technology and information systems.
- EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.
- EES 8 Show respect for the diverse opinions, values, belief systems, and contributions of others.
- EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.
- EES 10 Manage the use of time and other resources to complete projects.
- EES 11 Take responsibility for ones own actions, decisions, and consequences.

Course Evaluation:

Passing Grade: 60%, C

Other Course Evaluation & Assessment Requirements:

A final grade of 60% or C is required to pass PNG236. The student must achieve a satisfactory outcome in all components of the course. Each of the three (3) component are graded separately in the evaluation process.

Grading will be determined by the following components:
Lab Tests

Achieve 60% on the mid-term and final exam. Supplemental testing is not available.

Clinical Placement

Complete the Math for Clinical Test with a 90% or higher (3 attempts). Students will not be able to administer medications unless they have received 90% or higher on the Math for Clinical Test.

12 hours per week over 12 weeks in Acute Medical /Surgical (1 hour per week allotted for data collection and 5.5hours x two days) for a total 144 hours. Students who miss clinical will be required to make-up this time during the week immediately after the 12th week of clinical. Must be Satisfactory in clinical. Clinical hours are mandatory and hours missed that are required to be made up may be financially accountable to the student.

Scenario Test must achieve 60% to be succesful

Books and Required Resources:

Calculation of Drug Dosages by Ogden
Publisher: Elsevier Edition: 9th

Skills in Clinical Nursing by Berman, A. J. and Snyder, S.
Publisher: Pearson Education Edition: 8th

Medical Surgical Nursing Care by Burke, K., Eby, L. P., Mohn-Brown, L.
Publisher: Pearson Education Edition: 4th

Lippincott Nursing Drug Guide. by Karch, A
Publisher: Lippincott, Williams and Wilkins Edition: 2018 Canadian



Fundamentals of Canadian Nursing by Kozier, B. [et al.].
 Publisher: Pearson Education Edition: 3rd Canadian

Handbook of Lab and Diagnostic Tests with Nursing Implications by LeFever Kee, J.
 Publisher: Pearson Education Edition: 9th

Online Practice Standards and Guidelines by College of Nurses of Ontario
 Publisher: College of Nurses of Ontario

On-line Readings and Pre/Post Quizzes posted on D2L by Course Professor
 Publisher: Sault College
 Additional texts/resources from previous semesters will also be used.

Pharmacology for Canadian Health Care Practice and Study Guide by Lilley
 Publisher: Elsevier Canada Edition: Canadian Edition

Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
1. Clinical Component: Practice in a professional manner in accordance with the College of Nurses of Ontario Standards of Practice.	1.1 Demonstrate accountability for own personal and professional growth. 1.2 Maintain a distinction between professional and social roles. 1.3 Engage in reflective practice to promote further learning. 1.4 Accept constructive criticism and evaluative feedback to appropriately promote change. 1.5 Comply with the practice setting established standards and practice expectations. 1.6 Accept accountability for own decisions and actions. 1.7 Report and record significant information accurately, confidently and respectfully to appropriate individuals, peers, faculty and agency personnel. 1.8 Identify when personal values and beliefs conflict with the ability to maintain commitments to the client. 1.9 Demonstrate self-care practices that promote personal health and wellness. 1.10 Demonstrate accountability and responsibility in attending clinical placement according to college policy. 1.11 Recognize the right of the client* to make own health choices. 1.12 Describe opportunities to improve the level of health care in the community. 1.13 Demonstrate leadership qualities in clinical experiences.
Course Outcome 2	Learning Objectives for Course Outcome 2
2. Clinical Component: Display caring behaviours when interacting with acutely ill clients.	2.1 Create an atmosphere of mutual trust, acceptance and respect. 2.2 Demonstrate a supportive and *client-centred approach. 2.3 Use a non-judgmental attitude, empathy and genuineness when interacting and advocating with or for clients. 2.4 Display sensitivity to beliefs, values and practices of various lifestyles and cultures. 2.5 Establish therapeutic relationships that promote the achievement of expected health outcomes of the client. 2.6 Apply appropriate therapeutic communication techniques. 2.7 Demonstrate confidence in promoting the self-care abilities



	<p>of the client.</p> <p>2.8 Promote and preserve the self-esteem and self-confidence of client.</p> <p>2.9 Balance technical and technological aspects of nursing with a humanistic attitude and holistic approach.</p>
Course Outcome 3	Learning Objectives for Course Outcome 3
<p>3. Clinical Component: Practice interpersonal skills, which promote and maintain caring relationships with individuals, families, peers, faculty and agency personnel through collaboration and collegueship.</p>	<p>3.1 Participate as a contributing member of the team in providing care for the client.</p> <p>3.2 Utilize basic measures to bring about the resolution of conflict.</p> <p>3.3 Follow verbal and non-verbal directions safely, responsibly and consistently.</p> <p>3.4 Adapt communication strategies to meet the needs of the client.</p> <p>3.5 Support the right to privacy and confidentiality of the client.</p> <p>3.6 Act in a professional manner when communicating with clients, families, peers, faculty and agency personnel.</p> <p>3.7 Support the client* with informed decision making.</p> <p>3.8 Promote the nurse's role as a client advocate.</p>
Course Outcome 4	Learning Objectives for Course Outcome 4
<p>4. Clinical Component: Apply the nursing process to organize and provide safe, competent basic nursing care for the client with acute health challenges.</p>	<p>4.1 Demonstrate the ability to conduct purposeful client interviews.</p> <p>4.2 Gather data through history taking, interviewing, consultation, physical examination and review of available records.</p> <p>4.3 Assess the client accurately on an on-going basis.</p> <p>4.4 Differentiate between relevant and non-relevant observations to be reported and recorded.</p> <p>4.5 Identify the expected health outcomes (goals) of the client.</p> <p>4.6 Plan individualized care according to assessment, pre-clinical preparation and evidence-based nursing practice.</p> <p>4.7 Develop daily organizational plans to manage time selected nursing responsibilities.</p> <p>4.8 Adapt organizational plan to reflect changing priorities based on client needs.</p> <p>4.9 Apply nursing knowledge and critical thinking to set priorities in providing comprehensive holistic nursing care.</p> <p>4.10 Perform selected nursing interventions consistently in a safe competent client-centred manner that minimizes risk and maximizes benefits to client.</p> <p>4.11 Apply the concepts of health promotion, health protection, and prevention, (therapeutic treatment), rehabilitation and/or restorative care to the plan of care of the client.</p> <p>4.12 Promote the use of community agencies to assist client when appropriate.</p> <p>4.13 Evaluate achievement of expected outcomes (goals).</p> <p>4.14 Revise the plan of care as needed.</p> <p>4.15 Document relevant data in a concise and timely manner, according to CNO Standards and agency policy.</p> <p>4.16 Integrate the concepts of drug calculations.</p>
Course Outcome 5	Learning Objectives for Course Outcome 5
<p>5. Clinical Component:</p>	<p>5.1 Assess the client based stages of life.</p>

Apply the theories of growth and development and the change process to promote the optimal health and wellness.	5.2 Establish expected outcomes (goals) in collaboration with the client. 5.3 Plan nursing interventions based on the selected stage of growth and development in collaboration with the client. 5.4 Implement nursing interventions in collaboration with the client. 5.5 Provide dignified, comfortable care for the dying client. 5.6 Evaluate the extent to which the desired outcomes (goals) have been met.
Course Outcome 6	Learning Objectives for Course Outcome 6
6. Clinical Component: Utilize principles of teaching-learning to promote optimal health, wellness and safety of the client.	6.1 Assess the health status of the client* to determine learning needs. 6.2 Develop a teaching plan in collaboration with the client. 6.3 Apply principles of teaching-learning to facilitate client understanding. 6.4 Implement relevant and age-appropriate teaching plan to promote optimal health, wellness and safety of the client. 6.5 Examine the effectiveness of the teaching plan for the client. 6.6 Modify the teaching plan based on the evaluation of results.
Course Outcome 7	Learning Objectives for Course Outcome 7
7. Clinical Component: Apply research findings to support nursing practice.	7.1 Use evidence-based information to assess client health status. 7.2 Provide a safe environment for the client based on current and relevant research. 7.3 Participate in scholarly activities to support nursing practice.
Course Outcome 8	Learning Objectives for Course Outcome 8
8. Lab Theory and Practice Component: Demonstrate techniques required for pre and post-operative care.	8.1 Competently perform a pre-operative and postoperative assessment. 8.2 Discuss the relevance of health teaching regarding deep breathing and coughing, use of incentive spirometer and leg exercises. 8.3 Prepare a client for surgery. 8.4 Provide nursing care during early postoperative recovery. 8.5 Demonstrate use of various O2 administration devices. 8.6 Explain the use of sequential compression devices. 8.7 Document according to CNO standards.
Course Outcome 9	Learning Objectives for Course Outcome 9
9. Lab Theory and Practice Component: Apply knowledge of surgical asepsis in caring for clients with a variety of wounds.	9.1 Explain rationale for the use of common types of wound dressings. 9.2 Apply principles of surgical asepsis when performing: 9.2.1 Wound care using various wound dressings. 9.2.2 Irrigation and packing of wounds. 9.2.3 Care of Hemovacs, Jackson-Pratt and T-Tube drains 9.2.4 Drain shortening and removal 9.2.5 Suture and staple removal 9.2.6 Steri-strip application 9.2.7 Vacuum assisted closure (VAC) therapy 9.2.8 Wound culture 9.3 Explain the principles of VAC therapy. 9.4 Document according to CNO standards.

Course Outcome 10	Learning Objectives for Course Outcome 10
10. Lab Theory and Practice Component: Apply knowledge of the principles of safe medication administration.	10.1 Apply the principles of medication administration to prepare and administer medication using a variety of routes. 10.2 Pour/prepare and administer a variety of medications using the principles of medication administration and appropriate decision tree. 10.3 Document according to CNO standards. 10.4 Identify responsibilities associated with medication errors. 10.5 Identify significant issues related to the administration of narcotics and other high risk medications (e.g. insulin and anticoagulants).
Course Outcome 11	Learning Objectives for Course Outcome 11
11. Lab Theory and Practice Component: Demonstrate appropriate knowledge and techniques for parenteral medications/ injections.	11.1 Discuss rationale for choosing the recommended route and site. 11.2 Landmark injection sites correctly. 11.3 Identify all equipment necessary for different routes of parenteral medication administration. 11.4 Prepare and administer parenteral medications by intradermal, subcutaneous and intramuscular routes using aseptic technique. 11.5 Discuss how to determine the compatibility of medications using a chart. 11.6 Mix medications from two vials. 11.7 Mix medications from a vial and an ampule. 11.8 Withdraw medications from vials and ampules competently. 11.9 Discuss precautions required when administering parenteral injections. 11.10 Safely dispose of equipment. 11.11 Document according to CNO standards.
Course Outcome 12	Learning Objectives for Course Outcome 12
12. Lab Theory and Practice Component: Demonstrate knowledge of the principles of tube feedings and administration of medication via enteral routes.	12.1 Differentiate between tube feedings via Nasogastric, Naso-intestinal tube or Gastrostomy routes. 12.2 Demonstrate safe administration of feedings including verifying tube placement, irrigating tubes and checking for residuals. 12.3 Identify and effectively manage complications. 12.4 Administer medication via Nasogastric or Gastrostomy tubes. 12.5 Document according to CNO standards.
Course Outcome 13	Learning Objectives for Course Outcome 13
13. Lab Theory and Practice Component: Apply appropriate techniques for alternate routes of medication delivery.	13.1 Identify all equipment necessary for different routes of medication administration. 13.2 Discuss precautions required when administering medications by a variety of routes. 13.3 Document according to CNO standards.
Course Outcome 14	Learning Objectives for Course Outcome 14
14. Lab Theory and Practice Component: Demonstrate	14.1 Prepare the equipment for IV administration. 14.2 Prepare the client for IV administration.



knowledge of the principles of intravenous (IV) therapy.	14.3 Maintain, flush and discontinue an IV/saline lock. 14.4 Calculate and regulate the rate of IV infusions. 14.5 Calculate and regulate IV rate using a pump. 14.6 Change the IV tubing and solution bag. 14.7 Change the gown of a client with an IV. 14.8 Change an IV bag on an established IV set-up. 14.9 Convert an IV to a saline lock. 14.10 Recognize and intervene if IV complications arise. 14.11 Document according to CNO standards.
Course Outcome 15	Learning Objectives for Course Outcome 15
15. Lab Theory and Practice Component: Apply knowledge of the principles of administration of blood/blood product(s).	15.1 Prepare the equipment for administration. 15.2 Prepare the client. 15.3 Calculate and regulate flow rates. 15.4 Recognize and intervene when problems or complications arise. 15.5 Document according to CNO standards.
Course Outcome 16	Learning Objectives for Course Outcome 16
16. Lab Theory and Practice Component: Apply knowledge of the principles of nasogastric decompression.	16.1 Identify equipment required. 16.2 Prepare client for nasogastric tube insertion. 16.3 Insert a nasogastric tube for decompression and feeding. 16.4 Verify tube placement using a variety of methods. 16.5 Measure drainage and determine IV replacement needs. 16.6 Relieve tube blockages. 16.7 Observe for complications. 16.8 Remove nasogastric tubes. 16.9 Document according to CNO standards.
Course Outcome 17	Learning Objectives for Course Outcome 17
17. Lab Theory and Practice Component: Apply current evidence-based practice knowledge as it relates to learned skills.	
Course Outcome 18	Learning Objectives for Course Outcome 18
18. Math for Calculation of Drug Dosages Component: Demonstrate basic mathematical skills to safely administer medications in the clinical setting to clients across the lifespan. Calculators may be used, however students should be aware that calculators are not allowed on the CPRNE.	18.1 Demonstrate skills and accuracy in the following mathematical processes: addition, subtraction and multiplication of whole numbers, fractions, decimals and percentages. 18.2 Demonstrate skill and accuracy in the following algebraic process: ration and proportion. 18.3 Demonstrate accuracy when converting between the following systems of measurement: apothecary, common household quantities, the metric system and the Imperial system. 18.4 Practice dosage calculation problems using a selected formula for oral and parenteral routes. 18.5 Accurately solve mathematical problems by applying different calculation techniques in order to provide safe nursing care. 18.6 Demonstrate skill and accuracy when calculating a medication dosage using both the formula and ratio/proportion methods.



	18.7 Demonstrate skill and accuracy when calculating a medication dosage using body height and/or body weight as a factor.
Course Outcome 19	Learning Objectives for Course Outcome 19
19. Clinical Simulation Experience. Students will participate in a clinical simulation designed to allow students the opportunity to demonstrate the transfer of knowledge with care of the post-partum mother and neonate and care of the pediatric client. Students will be assessed on their ability to critically think and apply clinical judgment in a simulated clinical environment. Students will use the CNO Quality Assurance (QA) Program to reflect on the simulation experience. Using QA worksheets, students are to develop learning goals that align with the College of Nurses of Ontario's Registered Practical Nurse Entry to Practice Competencies (RPN ETP).	19.1 Provide the opportunity to demonstrate psychomotor skills required for client assessment. 19.2 Incorporate practice standards that support safe and quality care. 19.3 Provide the opportunity to prioritize care and interventions independently. 19.4 Utilize evidence-based practice with care of the client facing acute and chronic conditions. 19.5 Demonstrate the principles of the therapeutic nurse client relationship. 19.6 Apply SBAR (Situation-Background-Assessment-Recommendation) principles to promote effective interdisciplinary communication. 19.7 Reflective practice using the QA model for ongoing learning.
Course Outcome 20	Learning Objectives for Course Outcome 20
20. Clinical Inter-Operative Experience. During this clinical experience students will be provided with an experience that will provide a basic understanding of perioperative nurse's role. (This roles into PNG 253 Nursing Practice IV)	20.1 Operating Theatre- Develop an understanding of the role of each person in theatre. Have an understanding of what patients experience when they have an operation. Observe operations and have an understanding of sterile fields and techniques. Safe positioning and caring for anesthetized patients. 20.2 Post Anaesthetic Care Unit (PACU)- Develop skills in caring for unconscious patients and those emerging from anaesthesia. Basic airway management skills. The diagnosis and treatment of postoperative complications. Monitoring and how to interpret data. Develop an understanding of Post operative drugs especially analgesia. 20.3 Anaesthetics- Develop and understanding of the role of the Anaesthetic Technician and Anaesthetist. Become familiar with basic equipment used for intubation. 20.4 Day Surgery Unit (DSU)- Become familiar with the care planning documentation for some procedures. 20.5 Perform the preoperative preparation of a patient for surgery. 20.6 Develop an understanding of post operative care of the surgical day case patient. 20.7 Develop an understanding of the use of medications in the



pre/post operative patient.

20.8 Develop an understanding of the discharge criteria and follow up for day surgery patients.

20.9 Develop an understanding of Electro Convulsive Therapy (ECT)

Date:

November 12, 2018

Please refer to the course outline addendum on the Learning Management System for further information.

