



COURSE OUTLINE: PNG236 - NURSING PRACTICE III

Prepared: Barbara Thompson

Approved: Bob Chapman, Chair, Health

Course Code: Title	PNG236: NURSING PRACTICE III
Program Number: Name	3024: PRACTICAL NURSING
Department:	PRACTICAL NURSING
Semesters/Terms:	20F, 21F
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

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	to provide safe and competent client care.
Essential Employability Skills (EES) addressed in this course:	<p>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.</p> <p>EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication.</p> <p>EES 3 Execute mathematical operations accurately.</p> <p>EES 4 Apply a systematic approach to solve problems.</p> <p>EES 5 Use a variety of thinking skills to anticipate and solve problems.</p> <p>EES 6 Locate, select, organize, and document information using appropriate technology and information systems.</p> <p>EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.</p> <p>EES 8 Show respect for the diverse opinions, values, belief systems, and contributions of others.</p> <p>EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.</p> <p>EES 10 Manage the use of time and other resources to complete projects.</p> <p>EES 11 Take responsibility for ones own actions, decisions, and consequences.</p>
Course Evaluation:	<p>Passing Grade: 60%, C</p> <p>A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.</p>
Other Course Evaluation & Assessment Requirements:	<p>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.</p> <p>Grading will be determined by the following components:</p> <p>Lab Tests: Achieve 60% on Lab Test #1, Lab Test #2, and the Final Lab Exam. Supplemental testing is not available.</p> <p>Math for Medication Administration: Achieve a minimum average of 90% (overall), on 4 Drug Calculation Tests to be Satisfactory in the Math for Medication Administration component of the course.</p> <p>Clinical Placement: 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 are required to be made up may be financially accountable to the student.</p>
Books and Required Resources:	<p>Calculation of Drug Dosages by Ogden, S. J. & Fluharty, L. K. Publisher: Elsevier Edition: bought in first year</p> <p>Skills in Clinical Nursing by Berman, A. J. and Snyder, S. Publisher: Pearson Education Edition: 8th</p>

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Medical-Surgical Nursing in Canada by Lewis, S. L. (et al.)
 Publisher: Elsevier Edition: 4th
 9781771720489

Laboratory and Diagnostic Tests by Kee, J. L.
 Publisher: Pearson Education Edition: edition purchased in first year

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

Pharmacology for Canadian Health Care Practice and Study Guide by Lilley
 Publisher: Elsevier Canada Edition: Purchased in PNG 234

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 Recognizes high risk practices and integrates mitigation strategies that promote safe care. 1.5 Comply and practice according to legislation, practice, ethics, and organizational policies. 1.6 Accept accountability for own decisions and actions. 1.7 Provides essential client information to the client and the healthcare team. 1.8 Takes action to minimize the impact of personal values and assumptions on interactions and decisions. 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 Identify how to demonstrate formal and informal leadership in practice. 1.13 Demonstrates leadership, direction and supervision to unregulated health workers and others. 1.14 Demonstrates an adherence to the duty to provide care. 1.15 Identifies and responds to inappropriate behavior and incidents of professional misconduct. 1.16 Recognizes, responds, and reports own and others near misses, errors, and adverse events. 1.17 Demonstrates respect for the values, opinions, needs and beliefs of others. 1.18 Articulates own role based on legislated scope of practice, individual competence, and care context including employer policies. 1.19 Practices according to relevant mandatory reporting legislation. 1.20 Determines their own professional and interprofessional

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	role within the team by considering the roles responsibilities and the scope of practice of others.
Course Outcome 2	Learning Objectives for Course Outcome 2
2. Clinical Component: Display caring behaviours when interacting with acutely ill clients.	2.1 Fosters an environment that encourages questioning and exchange of information. 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 by establishing and maintaining professional boundaries. 2.6 Apply appropriate therapeutic communication techniques. 2.7 Promotes effective interpersonal interaction. 2.8 Promote and preserve the self-esteem and self-confidence of client. 2.9 Balance technical and technological aspects of nursing with a humanistic attitude and holistic approach. 2.10 Advocates for clients or their representatives especially when they are unable to advocate for themselves. 2.11 Participates in creating and maintaining a quality practice environment that is healthy, respectful and psychologically safe.
Course Outcome 3	Learning Objectives for Course Outcome 3
3. Clinical Component: Practice interpersonal skills, which promote and maintain caring relationships with individuals, families, peers, faculty and agency personnel through collaboration and collegueship.	3.1 Participate as a contributing member of the team in providing care for the client. 3.2 Utilize basic measures to bring about the resolution of conflict. 3.3 Follow verbal and non-verbal directions safely, responsibly and consistently. 3.4 Adapt communication strategies to meet the needs of the client. 3.5 Protect the client`s rights by maintaining confidentiality and privacy in all personal and professional contexts. 3.6 Communicates collaboratively with the client and the healthcare team. 3.7 Obtains informed consent to support the client`s informed decision making. 3.8 Promote the nurse`s role as a client advocate. 3.9 Support the client, by responding to the client`s right to healthcare information in adherence within the relevant privacy legislation. 3.10 Initiates, maintains and terminates the therapeutic nurse-client relationship. 3.11 Preserves the dignity of clients in all personal and professional contexts.
Course Outcome 4	Learning Objectives for Course Outcome 4
4. Clinical Component:	4.1 Demonstrate the ability to conduct purposeful client

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	<p>Apply the nursing process to organize and provide safe, competent basic nursing care for the client with acute health challenges.</p>	<p>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 Document according to established legislation, practice standards, ethics, and organizational policies.</p> <p>4.5 Discuss how to formulate clinical decisions consistent with client needs and priorities.</p> <p>4.6 Plan individualized care according to assessment, pre-clinical preparation and evidence-based nursing practice.</p> <p>4.7 Organizes workload, assigns/coordinates nursing care, sets priorities, and demonstrates effective time management skills.</p> <p>4.8 Evaluate own critical thinking skills to assess implications of own decisions.</p> <p>4.9 Responds to clients` conditions by organizing competing priorities through applying nursing knowledge and critical thinking.</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 Engages clients in identifying their health needs, strengths, capacities, and goals.</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 Comprehends, responds to and reports assessment findings.</p> <p>4.16 Integrate the concepts of drug calculations.</p> <p>4.17 Describing the importance of recognizing and responding, when a client`s condition is deteriorating.</p> <p>4.18 Recognizes and responds immediately when a client`s condition is deteriorating.</p> <p>4.19 Participates in continuous quality improvement principles and activities in nursing practice to update practice and policy.</p> <p>4.20 Identifies the principles and practices of self-awareness to recognize when to seek assistance and guidance.</p> <p>4.21 Understands the importance of, and practices within own level of competence.</p> <p>4.22 Evaluate own critical thinking skills to assess implications of own decisions.</p> <p>4.23 Uses critical thinking, critical inquiry and clinical judgment for decision making.</p>
	<p>Course Outcome 5</p>	<p>Learning Objectives for Course Outcome 5</p>
	<p>5. Clinical Component: Apply the theories of growth and development and the change process to promote the optimal health and wellness.</p>	<p>5.1 Assess the client based stages of life.</p> <p>5.2 Establish expected outcomes (goals) in collaboration with the client.</p> <p>5.3 Plan nursing interventions based on the selected stage of growth and development in collaboration with the client.</p> <p>5.4 Implements nursing interventions based on assessment</p>

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	findings, client preferences and desired outcomes. 5.5 Provide dignified, comfortable care for the dying client. 5.6 Evaluates the effectiveness of nursing interventions by comparing actual outcomes to expected outcomes.
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 Identifies nursing diagnoses. 6.2 Develops the careplan with the client, health care team and others. 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 Assesses, plans, implements, and evaluates the teaching and learning process. 6.7 Assess clients` literacy knowledge and readiness to learn. 6.8 Provides information and access to resources to facilitate health education. 6.9 Evaluates the effectiveness of health education.
Course Outcome 7	Learning Objectives for Course Outcome 7
7. Clinical Component: Apply research findings to support nursing practice.	7.1 Researches and responds to relevant clinical data. 7.2 Provide a safe environment for the client based on current and relevant research. by applying the principles of client safety. 7.3 Participate in scholarly activities to support nursing practice. 7.4 Maintains current knowledge about trends and issues that impact the client, the Registered Practical Nurse, the healthcare team and the delivery of health services. 7.5 Engages in evidence-informed practice by considering a variety of relevant sources of information.
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.

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	<p>9.2.3 Care of Hemovacs, Jackson-Pratt and T-Tube drains</p> <p>9.2.4 Drain shortening and removal</p> <p>9.2.5 Suture and staple removal</p> <p>9.2.6 Steri-strip application</p> <p>9.2.7 Vacuum assisted closure (VAC) therapy</p> <p>9.2.8 Wound culture</p> <p>9.3 Explain the principles of VAC therapy.</p> <p>9.4 Document according to CNO standards.</p>
Course Outcome 10	Learning Objectives for Course Outcome 10
10. Lab Theory and Practice Component: Apply knowledge of the principles of safe medication administration.	<p>10.1 Apply the principles of medication administration to prepare and administer medication using a variety of routes.</p> <p>10.2 Pour/prepare and administer a variety of medications using the principles of medication administration and appropriate decision tree.</p> <p>10.3 Document according to CNO standards.</p> <p>10.4 Identify responsibilities associated with medication errors.</p> <p>10.5 Identify significant issues related to the administration of narcotics and other high risk medications (e.g. insulin and anticoagulants).</p> <p>10.6 Demonstrate the knowledge of pharmacology and principles of safe medication practice.</p>
Course Outcome 11	Learning Objectives for Course Outcome 11
11. Lab Theory and Practice Component: Demonstrate appropriate knowledge and techniques for parenteral medications/ injections.	<p>11.1 Discuss rationale for choosing the recommended route and site.</p> <p>11.2 Landmark injection sites correctly.</p> <p>11.3 Identify all equipment necessary for different routes of parenteral medication administration.</p> <p>11.4 Prepare and administer parenteral medications by intradermal, subcutaneous and intramuscular routes using aseptic technique.</p> <p>11.5 Discuss how to determine the compatibility of medications using a chart.</p> <p>11.6 Mix medications from two vials.</p> <p>11.7 Mix medications from a vial and an ampule.</p> <p>11.8 Withdraw medications from vials and ampules competently.</p> <p>11.9 Discuss precautions required when administering parenteral injections.</p> <p>11.10 Safely dispose of equipment.</p> <p>11.11 Document according to CNO standards.</p>
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.	<p>12.1 Differentiate between tube feedings via Nasogastric, Naso-intestinal tube or Gastrostomy routes.</p> <p>12.2 Demonstrate safe administration of feedings including verifying tube placement, irrigating tubes and checking for residuals.</p> <p>12.3 Identify and effectively manage complications.</p> <p>12.4 Administer medication via Nasogastric or Gastrostomy tubes.</p>

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	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 knowledge of the principles of intravenous (IV) therapy.	14.1 Prepare the equipment for IV administration. 14.2 Prepare the client for IV administration. 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	18.1 Demonstrate skills and accuracy in the following mathematical processes: addition, subtraction and multiplication of whole numbers, fractions, decimals and

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	<p>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.</p>	<p>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.</p>
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Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Final Lab Exam	40%
Lab Test #1	30%
Lab Test #2	30%

Date: March 3, 2021

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

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