

Nashua Community College
Department of Nursing
Curriculum Map – First Year

Course	NURS 125N Fundamental Concepts and Skills for Nursing Practice	NURS 140N Care I: Concepts and Skills	NURS 230N Pharmacology for Nursing Practice
<p>Course Description</p>	<p>This course introduces the student to major concepts and skills required as a foundation for further studies in nursing and prepares the student to deliver safe nursing care across the lifespan under the supervision of a Registered Nurse. Content in the theory portion of the class includes: Introduction to Nursing, Working in the Healthcare System, Care of the Human Being, the program’s conceptual framework, Nursing Process and Critical Thinking, Health Assessment, Meeting Basic Human Needs Across the Lifespan, Patient/Family Education, Concepts of Medication Administration, and Contemporary Contexts for Professional Nursing. During lab and clinical, the student will practice skills related to the concepts in the theory portion of the class. Upon completion of the course, the student is eligible to seek NH licensure as a nursing assistant.</p>	<p>This course introduces the student to the care of patients with chronic altered health conditions across the lifespan. Care of the patient with selected alterations in health, including integumentary, cardiac, respiratory, endocrine, musculoskeletal, and neurological/ mental health conditions will be studied. Selected health alterations are explored in light of the program’s conceptual framework, pathophysiology, pharmacology, and interdisciplinary interventions. Concepts and skills introduced in NURS125N will be applied and further developed throughout the semester. Clinical experience(s) will occur in a combination of inpatient acute rehab, inpatient/ outpatient psychiatric, and clinical simulation settings. Prerequisites: NURS125N, PSYC201N, and BIOL202N.</p>	<p>This course is a hybrid course that presents information related to the nurse’s role in the pharmacological treatment of health alterations. Foundational principles of drug action, pathophysiology, and a systematic review of common drugs in clinical use will be studied. Safe administration of medication across the lifespan, assessment of its effectiveness, patient and family education, and ethical and legal issues related to the nurse’s role in pharmacotherapeutics is emphasized. Prerequisites: NURS125N, NURS140N.</p>
<p>End-of-Program Student Learning Outcomes</p>	<p style="text-align: center;">End-of-Course Student Learning Outcomes</p>		
<p>1. Plan and deliver safe individualized care to patients by integrating the nursing process and pertinent nursing knowledge, principles of teaching / learning, and preferences of patients or legal designees across the lifespan, diversity of culture, and the levels of prevention.</p> <p>(Patient-Centered Care/Diversity)</p>	<ol style="list-style-type: none"> 1. Identify developmental, cultural, and spiritual human needs, health, and alterations in health within the context of an epidemiological framework. 2. Apply the nursing process, incorporating principles and evidence from the biopsychosocial sciences and discipline of nursing to safely care for patients of diverse backgrounds and characteristics with support of faculty. 3. Develop skills to assist patients in health and illness. 	<ol style="list-style-type: none"> 1. Use the nursing process to formulate individualized nursing care plans for patients of diverse backgrounds and characteristics with selected alterations in health. 2. Implement selected aspects of an interdisciplinary plan of care for patients with selected alterations in health. 3. Provide education across the levels of prevention to assigned patients / families / peers to address selected knowledge deficits. 	<ol style="list-style-type: none"> 1. Examine the nurse’s role and responsibilities in the administration of medication. 2. Describe the principles of drug actions, interactions, and reactions. 3. Explain the interrelationship of physiology, pathophysiology, and selected classes of prototypical drugs.

	4. Describe the teaching-learning principles necessary for educating the patient/family on health promotion and health maintenance		
2. Practice collaboratively on the multi-professional health care team using principles of leadership across the disciplines and throughout the health care system to influence and facilitate conflict resolution and the establishment and achievement of shared goals. (Leadership and Teamwork/Collaboration)	5. Discuss the role of the nurse within the context of the health care system 6. Identify organizational structure, policies, procedures, and various disciplines that interact within the health care system to provide patient care. 7. Determine priorities of nursing care with assistance of faculty and the interdisciplinary team	4. Collaborate with the health care team in maintaining a therapeutic environment.	4. Apply the nursing process to develop an evidence-based plan of care to meet clients' needs arising from pharmacological interventions across the lifespan including sociocultural and developmental considerations
3. Support a culture of continuous quality improvement by using data to monitor outcomes; identifying, reporting, and intervening in actual or potential problems; collaborating with the multi-professional team throughout the health care system; and developing evidence-based strategies for optimal practice. (QI/Safety; Collaboration; Evidence Based Practice)	8. Identify hazards of the patient care environment and implications for patient care. 9. Demonstrate a basic ability to identify, retrieve, and evaluate pertinent evidence as a foundation for patient care 10. Evaluate personal preparation and delivery of nursing care, and propose a plan for improvement	5. Identify and intervene in hazards to patients' wellbeing. 6. Apply principles and evidence from the biopsychosocial sciences and discipline of nursing to understand and intervene in selected alterations in health.	5. Demonstrate safe administration of selected drugs in the care of individual patients.
4. Use health care system resources and technology , including information technology, time, policies and procedures, materials, and equipment, to coordinate and deliver individual and / or population-focused care that is safe, effective and efficient. (Informatics and Technology)	11. Use a variety of resources for remediating knowledge deficits. 12. Define ways to manage time and resources effectively to accomplish goals of care.	7. Establish priorities and conserve resources when providing care to a patient with a chronic health problem. 8. Locate appropriate community resources for supporting biopsychosocial adaptation of patients across multiple phases of health and wellness, along the continuum of care.	6. Construct individualized education plans to assist diverse patients/families across the lifespan to incorporate medication regimes into their lifestyle.
5. Communicate clearly in goal-oriented, culturally sensitive, caring, concise, and timely ways using written, verbal, non-verbal, and electronic modalities. (Communication)	13. Practice multi-modal communication skills through interaction with peers, faculty, agency staff, and patients. 14. Promptly and succinctly report relevant patient-oriented information to faculty and staff.	9. Apply communication principles and therapeutic use of self in interactions with patients and their families. 10. Communicate effectively and promptly with the patient, significant others, and members of the health care team as indicated by assessment data and trends.	
6. Demonstrate accountability for professional practice using legal, ethical, and regulatory guidelines and participate in activities that contribute to life-long learning. (Professionalism and Knowledge/Leadership)	15. Use the Standards of Practice, ANA Code of Ethics, and the New Hampshire Nurse Practice Act as guides for professional development and accountability.	11. Differentiate the application of the principles of beneficence, autonomy, advocacy, and confidentiality across a variety of health care settings.	7. Discuss the legal and ethical considerations related to the nurse's role in medication administration.

	16. Incorporate the ethical principles of confidentiality, autonomy, veracity, beneficence, and non-maleficence in patient care.	12. Discuss the role of nurse as advocate in a variety of health care settings.	
Course Topics / Units			
	NURS 125N	NURS 140N	NURS 230N
	<p>I. Introduction to NURS 125N Fundamental Concepts and Skills for Nursing Practice</p> <p>II. Introduction to Nursing Practice; Working in the Health Care System</p> <p>III. Care of the Human Being</p> <p>A. Individualization of Care: Race, Gender, Spirituality, Culture</p> <p>B. Nursing Care and Developmental Needs</p> <p>C. Therapeutic Relationship and Communication</p> <p>D. Family/Community/ Environment</p> <p>E. Stress/Health/Illness</p> <p>IV. Basic Human Needs</p> <p>A. Safety and Infection Prevention</p> <p>B. Mobility, Transfers, Ambulation, Positioning/ Exercise, Activity</p> <p>C. Hygiene</p> <p>D. Sleep/Rest/Sensory Perception</p> <p>E. Elimination</p> <p>F. Oxygenation</p> <p>G. Meeting Nutritional Requirements</p> <p>H. Fluid and Electrolyte Balance</p> <p>V. The Nursing Process, Critical Thinking, Documentation and Reporting/ Health Care Informatics</p> <p>VI. Introduction to Simulation Lab and Health Assessment Skills</p> <p>A. General Assessment and Vital Signs</p> <p>B. Physical Assessment</p> <p>C. Comfort and Pain Management</p>	<p>I. Introduction to Care of Patients with Chronic Physical and/or Mental health conditions</p> <p>II. Care of the Patient with Selected Alterations in Skin/Integumentary Integrity: Wounds, Infections, Infestations</p> <p>III. Care of the Patient with Selected Alterations in Endocrine Function: Diabetes, posterior pituitary, thyroid, and adrenal</p> <p>IV. Care of the Patient with Selected Alterations in Oxygenation: COPD, Asthma, Sleep Apnea, TB, Pneumonia</p> <p>V. Care of the Patient with Selected Alterations in Perfusion: CHF, Hypertension, Peripheral Vascular Disease</p> <p>VI. Care of the Patient with Selected Common and Chronic Neurological conditions: Stroke, Seizures, Epilepsy, Multiple Sclerosis, Myasthenia Gravis, ALS, Parkinson's</p> <p>VII. Care of Patients with Selected Common and Chronic Selected Alterations in Mobility and Musculoskeletal Function: Osteoporosis, Back pain, Vertebral disorders, Degenerative Joint Disease</p> <p>VIII. Care of the Patient with Alterations in Psychosocial Adaptation:</p> <p>A. Depressive Disorders</p> <p>B. Bipolar Disorder</p> <p>C. Personality Disorder</p> <p>IX. Care of the Patient with Alterations in Psychosocial Adaptation:</p> <p>A. Anxiety, Obsessive-Compulsive and Related Disorders</p>	<p>I. Fundamental Principles of Pharmacology and the Nurse-Client Relationship Across the Lifespan</p> <p>II. Pharmacology and the Autonomic Nervous System</p> <p>III. Pharmacology and the Endocrine System including Diabetes</p> <p>IV. Pharmacology, the Respiratory System, and Allergy</p> <p>V. Pharmacology and the Cardiovascular System</p> <p>VI. Pharmacology and the Central Nervous System: Pain Management; Alterations in Neurologic Function</p> <p>VII. Pharmacology and the Musculoskeletal System</p> <p>VIII. Pharmacology and the Central Nervous System: Psychotropic Medications</p> <p>IX. Pharmacology and the Gastrointestinal System and Genitourinary</p> <p>X. Pharmacology, the Immune System, and Alterations in Cell Proliferation</p> <p>XI. Pharmacology and Infectious Disease</p>

	<p>VII. Concepts and Skills for Medication Management</p> <p>VIII. Health Promotion/ Education for the Patient, Family, Community</p> <p>IX. Contexts of Professional Nursing</p> <p>A. Historical</p> <p>B. Professional</p> <p>C. Legal</p> <p>D. Ethical</p>	<p>B. Trauma and Stress-Related Disorders</p> <p>C. Eating Disorders</p> <p>X. Care of the Patient with Alterations in Psychosocial Adaptation:</p> <p>XI. Care of the Patient with Substance Related and Addictive Disorders</p> <p>XII. Care of the Patient with Acute Mental Health Disorders: Crisis, Suicide, Violence, Anger/Aggression</p> <p>XIII. Care of the patient with Somatic / Dissociative Disorders</p> <p>XIV. Care of the Patient with Alterations in Psychosocial Adaptation: Neurocognitive Disorders: Dementia, Delirium, Alzheimer's</p> <p>XV. Care of the Patient with Psychosis: Schizophrenia</p> <p>XVI. Care of Selected Populations Across the Lifespan: Developmental Disorders, Gender/Sexuality, Aging, End of Life</p>	
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Course	NURS 220N Nursing Care II: Concepts and Skills	NURS 240N Management of Nursing Care Across the Lifespan	End-of-Program Student Learning Outcomes
	Course Description		
	<p>This course applies previous learning in nursing, life sciences, social sciences and the nursing process to the care of patients across the lifespan with acute health alterations in gastrointestinal, hepatobiliary, fluid and electrolyte function, acid-base balance, renal, respiratory, hematologic, cardiac, oncologic, immune health, and perioperative care. A systematic approach to each unit will include levels of prevention, pathophysiology, lifestyle alterations, environmental impact and modification, cultural considerations, interdisciplinary care plans, and legal and ethical implications inherent in delivering patient care. Clinical experiences will occur in the acute care hospital setting. Prerequisites: NURS140N, NURS230N.</p>	<p>This course is a capstone course that requires students to apply all previous learning to the care of patients/families across the lifespan, including patients/families with complex and/or emergent health alterations. Concepts of maternal-child health care, critical care, community health nursing, leadership, management, health care policy and trends, and transition to practice will be studied. Clinical experiences will occur in a combination of acute care hospital and community settings. Prerequisite: NURS220N.</p>	
	End-of-Course Student Learning Outcomes		End-of-Program Student Learning Outcomes
	<ol style="list-style-type: none"> 1. Apply the nursing process to the safe care of patients with a variety of health alterations in a multicultural adult acute health care setting with guidance from faculty. 2. Assess knowledge deficits of patients and families as a basis for developing and implementing education plans across the levels of prevention. 	<ol style="list-style-type: none"> 1. Apply the nursing process and evidence to resolve complex health-related problems of multicultural groups of patients / families across the lifespan. 2. Implement appropriate individualized teaching/learning principles to assist patients / families with primary, secondary, and tertiary prevention of health problems. 	<ol style="list-style-type: none"> 1. Plan and deliver safe individualized care to patients by integrating the nursing process and pertinent nursing knowledge, principles of teaching / learning, and preferences of patients or legal designees across the lifespan, diversity of culture, and the levels of prevention. (Patient-Centered Care/Diversity)
	<ol style="list-style-type: none"> 3. Collaborate with multi-disciplinary staff and faculty in selected settings in prioritizing, organizing, and providing safe nursing care for patients with diverse diagnoses. 	<ol style="list-style-type: none"> 3. Delegate aspects of patient care in the clinical setting consistent with the NH Nurse Practice Act. 4. Collaborate with multi-disciplinary staff and faculty in prioritizing, organizing, and providing safe nursing care for multicultural groups of patients / families across the lifespan. 	<ol style="list-style-type: none"> 2. Practice collaboratively on the multi-professional health care team using principles of leadership across the disciplines and throughout the health care system to influence and facilitate conflict resolution and the establishment and achievement of shared goals. (Leadership and Teamwork/Collaboration)

		5. Develop plans for continuing care of discharged patients / families with ongoing health alterations.	
	4. Identify and participate in reducing barriers to delivering optimum care to assigned patients.	6. Apply principles of quality improvement to a problem encountered in clinical practice. 7. Analyze the impact of contemporary trends and health system issues on the provision of nursing care.	3. Support a culture of continuous quality improvement by using data to monitor outcomes; identifying, reporting, and intervening in actual or potential problems; collaborating with the multi-professional team throughout the health care system; and developing evidence-based strategies for optimal practice. (QI/Safety; Collaboration; Evidence Based Practice)
	5. Demonstrate an increasing ability to care safely for patients with complex health problems and / or assignments of multiple patients in a way that is organized, effective, and efficient.	8. Gather and use appropriate resources and current evidence from nursing, allied health and other sources in the delivery of nursing care.	4. Use health care system resources and technology , including information technology, time, policies and procedures, materials, and equipment, to coordinate and deliver individual and / or population-focused care that is safe, effective and efficient. (Informatics and Technology)
	6. Exhibit therapeutic and individualized communication skills in all interactions. 7. Demonstrate effective, succinct, accurate, and timely reporting skills in all modalities and circumstances to provide evidence-based care.	9. Tailor communication to the cultural and developmental needs of patients and families. 10. Communicate effectively in managing and delegating patient care.	5. Communicate clearly in goal-oriented, culturally sensitive, caring, concise, and timely ways using written, verbal, non-verbal, and electronic modalities. (Communication)
	8. Use the ANA Code of Ethics for Nurses, ANA Standards of Practice, and the NH Nurse Practice Act as guidelines for personal and professional growth. 9. Apply principles of law and ethics to the analysis of dilemmas arising in class and clinical assignments.	11. Hypothesize resolutions for ethical dilemmas encountered in practice 12. Reflect the ANA Code of Ethics for Nurses, ANA Standards of Practice, and the NH Nurse Practice Act in the performance of the professional role. 13. Follow Board of Nursing procedures in the desired state of licensure to register for the NCLEX-RN.	6. Demonstrate accountability for professional practice using legal, ethical, and regulatory guidelines and participate in activities that contribute to life-long learning. (Professionalism and Knowledge/Leadership)

		14. Formulate strategies to address common challenges in transitioning to practice and professional development.	
	Course Topics/Units		
	NURS 220N	NURS 240N	
	<p>I. Care of Diverse Patients with Acute Health Problems</p> <p>II. Caring for Patients during the Perioperative Period</p> <p>III. Caring for Patients with Alterations in Gastrointestinal Function</p> <p>IV. Caring for Patients with Alterations in Hepatobiliary Function</p> <p>V. Caring for Patients with Alterations in Fluid and Electrolyte Balance</p> <p>VI. Caring for Patients with Alterations in Acid-Base Balance</p> <p>VII. Caring for Patients with Alterations in Renal / Urinary Function</p> <p>VIII. Caring for Patients with Alterations in Respiratory Function</p> <p>IX. Caring for Patients with Alterations in Hematologic Function</p> <p>X. Caring for Patients with Alterations in Cardiac Function</p> <p>XI. Caring for Patients with Alterations in Cell Proliferation</p> <p>XII. Caring for Patients with Alterations in Immune Function</p>	<p>I. Introduction: Management of Nursing Care across the Life Span</p> <p>II. Care of the Child, Infancy through Adolescence</p> <p>III. Overview of Reproductive Health Care A. Care of the Ante-Partum Family B. Care of the High-Risk Ante-Partum Family</p> <p>IV. Care of the Family during Labor and Delivery</p> <p>V. Post-Partum Care of the Members of the Growing Family</p> <p>VI. Care of the Neonate</p> <p>VII. Health Care Trends and Policy</p> <p>VIII. Care of the Patient with Selected Emergent Conditions</p> <p>IX. Concepts of Critical Care</p> <p>X. Care of Diverse Aggregates in Community Settings</p> <p>XI. Caring for Victims of Disaster / Bioterrorism: Preparation and Community Planning</p> <p>XII. Transitions to Practice</p>	