

NURSING (543)

543-101. Nursing Fundamentals. (2 Credits)

Focus on basic nursing concepts to provide evidence-based care to diverse client populations across the lifespan. Explore current and historical issues impacting nursing within the scope of nursing practice. Gain an introduction to the nursing process as a framework for organizing the care of clients.

Prerequisites: 806-179 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=101>)

543-102. Nursing Skills. (3 Credits)

Explore the development of evidence-based clinical skills and physical assessment across the lifespan. Content includes mathematical calculations and conversions related to clinical skills. Learn techniques related to obtaining a health history and basic physical assessment skills using a body systems approach.

Prerequisites: 806-179 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=102>)

543-103. Nursing Pharmacology. (2 Credits)

Gain an introduction to the principles of pharmacology, including drug classifications and their effects on the body. Learn how to use the components of the nursing process when administering medications.

Prerequisites: 806-179 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=103>)

543-104. Nursing Intro Clinical Practice. (2 Credits)

Gain an introduction to basic nursing skills and learn to apply the nursing process in meeting the needs of diverse clients across the lifespan. Explore the formation of nurse-client relationships, communication, data collection, documentation and medication administration.

Prerequisites: 806-179 with a minimum grade of C and 543-101 (may be taken concurrently) with a minimum grade of C and 543-102 (may be taken concurrently) with a minimum grade of C and 543-103 (may be taken concurrently) with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=104>)

543-105. Nursing Health Alterations. (3 Credits)

This course elaborates upon the basic concepts of health and illness as presented in Nursing Fundamentals. Learn to apply theories of nursing in the care of patients through the lifespan, using problem-solving and critical thinking. Study conditions affecting different body systems and apply evidence-based nursing interventions. Gain an introduction to concepts of leadership and management.

Prerequisites: 543-101 with a minimum grade of C and 543-102 with a minimum grade of C and 543-103 with a minimum grade of C and 543-104 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=105>)

543-106. Nursing Health Promotion. (3 Credits)

Learn to promote health for individuals and families throughout the lifespan. Explore nursing care of the developing family, including reproductive issues, pregnancy, labor and delivery, post-partum, the newborn and the child. Apply mental health principles to discern patterns associated with adaptive and maladaptive behaviors across the spectrum of healthy families. Learn to teach and support healthy lifestyle choices for individuals of all ages, including nutrition, exercise, stress management, empowerment and risk reduction practices. Study family dynamics, functions, discipline styles and stages of development.

Prerequisites: 543-101 with a minimum grade of C and 543-102 with a minimum grade of C and 543-103 with a minimum grade of C and 543-104 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=106>)

543-107. Nursing Clinical Care Across the Lifespan. (2 Credits)

In this clinical experience, learn to apply nursing concepts and therapeutic interventions to clients across the lifespan. Gain an introduction to concepts of teaching and learning, and explore extending care to include the family.

Prerequisites: 543-101 with a minimum grade of C and 543-102 with a minimum grade of C and 543-103 with a minimum grade of C and 543-104 with a minimum grade of C and 543-106 (may be taken concurrently) with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=107>)

543-108. Intro to Clinical Care Management. (2 Credits)

This clinical experience applies nursing concepts and therapeutic nursing interventions to groups of clients across the lifespan. It also provides an introduction to leadership, management and team building.

Prerequisites: 543-101 with a minimum grade of C and 543-102 with a minimum grade of C and 543-103 with a minimum grade of C and 543-104 with a minimum grade of C and 543-105 (may be taken concurrently) with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=108>)

543-109. Nursing Complex Health Alterations I. (3 Credits)

Learn to provide and evaluate care for clients across the lifespan with alterations in cardiovascular, respiratory, endocrine and hematologic systems as well as patients with fluid/electrolyte and acid-base imbalance, and alterations in comfort.

Prerequisites: 543-105 with a minimum grade of C and 543-106 with a minimum grade of C and 543-107 with a minimum grade of C and 543-108 with a minimum grade of C or (543-123 with a minimum grade of C) or (543-128 with a minimum grade of C and 543-129 with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=109>)

543-110. Mental Health & Community Concepts. (2 Credits)

Explore the delivery of community and mental health care and the specific health needs of individuals, families and groups across the lifespan, especially diverse and at-risk populations. Learn about mental health concepts including adaptive/maladaptive behaviors and specific mental health disorders. Examine community resources for specific types of support offered to racially, ethnically and economically diverse individuals and groups.

Prerequisites: 543-105 with a minimum grade of C and 543-106 with a minimum grade of C and 543-107 with a minimum grade of C and 543-108 with a minimum grade of C or (543-123 with a minimum grade of C) or (543-128 with a minimum grade of C and 543-129 with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=110>)

543-111. Nursing Intermediate Clinical Practice. (3 Credits)

Develop skills for working with clients with complex healthcare needs. Gain skills needed for managing multiple clients across the lifespan and priorities. Use the nursing process to gain experience adapting the nursing practice to meet clients' diverse needs and backgrounds.

Prerequisites: 543-112 (may be taken concurrently) with a minimum grade of C and 543-109 (may be taken concurrently) with a minimum grade of C and 543-110 (may be taken concurrently) with a minimum grade of C and 543-107 with a minimum grade of C and 543-105 with a minimum grade of C and 543-106 with a minimum grade of C and 543-108 with a minimum grade of C or (543-123 with a minimum grade of C) or (543-128 with a minimum grade of C and 543-129 with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=111>)

543-112. Nursing Advanced Skills. (1 Credit)

Develop advanced clinical skills across the lifespan. Explore advanced intravenous skills, blood product administration, chest tube systems, basic electrocardiogram interpretation and nasogastric/feeding tube insertion.

Prerequisites: 543-105 with a minimum grade of C and 543-106 with a minimum grade of C and 543-107 with a minimum grade of C and 543-108 with a minimum grade of C or (543-123 with a minimum grade of C) or (543-128 with a minimum grade of C and 543-129 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=112>)

543-113. Nursing Complex Health Alterations II. (3 Credits)

Learn to provide and evaluate care for clients across the lifespan with alterations in the immune, neuro-sensory, musculoskeletal, gastrointestinal, hepatobiliary, renal/urinary and reproductive systems, as well as shock, burns and trauma. Learn how to manage care for clients with high-risk perinatal conditions and high-risk newborns.

Prerequisites: 543-109 with a minimum grade of C and 543-112 with a minimum grade of C and 543-110 with a minimum grade of C and 543-111 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=113>)

543-114. Nursing Management & Professional Concepts. (2 Credits)

Explore nursing management and professional issues related to the role of the registered nurse, and prepare for practice as a registered nurse.

Prerequisites: 543-109 with a minimum grade of C and 543-112 with a minimum grade of C and 543-110 with a minimum grade of C and 543-111 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=114>)

543-115. Nursing Advanced Clinical Practice. (3 Credits)

Integrate concepts from all previous courses in the management of groups of clients facing complex health alterations. Develop critical thinking skills using the nursing process in making clinical decisions. Explore continuity of care through interdisciplinary collaboration.

Prerequisites: 543-109 with a minimum grade of C and 543-110 with a minimum grade of C and 543-111 with a minimum grade of C and 543-112 with a minimum grade of C and 543-113 (may be taken concurrently) with a minimum grade of C and 543-116 (may be taken concurrently) with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=115>)

543-116. Nursing Clinical Transition. (2 Credits)

Integrate knowledge learned in previous courses to transition into the role of the graduate nurse. Practice making relatively independent clinical decisions, delegating and collaborating with others to achieve client and organizational outcomes. Understand the value of continued professional development.

Prerequisites: 543-115 (may be taken concurrently) with a minimum grade of C and 543-114 (may be taken concurrently) with a minimum grade of C and 543-113 (may be taken concurrently) with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=116>)

543-121. Pathophysiology. (3 Credits)

Develop knowledge of normal functioning and disease processes of all body systems. It is geared to nursing and provides the reasoning for nursing interventions as related to specific disease entities.

Prerequisites: 806-179 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=121>)

543-123. LPN Progression Transition. (2 Credits)

Prepare to transition into the role of Registered Nurse through written assignments, case studies, simulation and skills demonstrations. Continue to develop critical thinking skills through the Nursing Process. Review pharmacology, pathophysiology, laboratory values and therapeutic communication from an evidence-based practice perspective. Improve your confidence in performing a variety of basic nursing skills including physical assessment, aseptic and sterile technique, medication administration and intravenous therapy. Upon completion, students are required to perform a competent skills demonstration.

Prerequisites: 890-101 (may be taken concurrently) with a minimum grade of C and 806-176 with a minimum grade of C and Current LPN License and 2,000 hours patient care

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=123>)

543-127. Paramedic to ADN Theory 1. (3 Credits)

This course integrates basic nursing concepts, pathophysiology, and pharmacology to provide evidence-based nursing care to diverse patient populations across the lifespan. It will use the nursing process as a framework to study conditions affecting different body systems utilizing problem solving and critical thinking.

Prerequisites: 806-179 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=127>)

543-128. Paramedic to ADN Theory 2. (3 Credits)

This course focuses on topics related to health promotion and management of illness for individuals and families throughout the lifespan, incorporating related pharmacology and the nursing process. It will include nursing care of the developing family, reproductive issues, pregnancy, labor and delivery, post-partum care, and mental health issues.

Prerequisites: 543-127 with a minimum grade of C and 543-130 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=128>)

543-129. Paramedic to ADN Clinical. (2 Credits)

Introductory clinical emphasizes basic nursing skills and application of nursing process to clients and families across the lifespan. Emphasis placed on assessment, relationships, communication, data collection, documentation, and medication administration.

Prerequisites: 543-128 (may be taken concurrently) with a minimum grade of C and 543-130 with a minimum grade of C and 543-127 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=129>)

543-130. Paramedic to ADN Skills. (2 Credits)

Basic nursing skills and physical assessment across the lifespan. Includes medication calculations, aseptic technique, wound care, tracheostomy care, suctioning, management of enteral tubes, medication administration, enemas, ostomy care, and catheterization.

Prerequisites: 806-179 with a minimum grade of C and 543-127 (may be taken concurrently) with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=130>)

543-131. Critical Thinking/Clin Nsg Sk. (2 Credits)

Continue to develop and apply critical thinking of nursing assessment and skills in the clinical setting. Content includes enhanced physical assessment using body systems approach, multiple routes of medication administration, infusion therapy, enteral and nasogastric tube management, maintenance of oxygenation and wound management.

Prerequisites: (543-102 with a minimum grade of C and 543-104 with a minimum grade of C) or (543-302 with a minimum grade of C and 543-304 with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=131>)

543-140. Comparative Trends and Global. (3 Credits)

This study-abroad experience is offered in partnership with the University of Sunderland in England. Explore the National Health Service from both service-user and healthcare professional perspectives. Analyze healthcare across both the U.K. and the U.S., and explore the influence and role of nurses. Visit Health Care Trusts and work with service users to explore factors that impact healthcare provision, personal journeys, and political and financial influences. Visit regional hospitals, including Sunderland, Northumbria, South Tyneside and Newcastle. Visit mental healthcare organizations and other community-based healthcare facilities. Hear presentations from healthcare professionals across multiple fields of study. Have the opportunity to ask questions from current University of Sunderland nursing students.

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=140>)

543-200. Nursing Assistant. (2 Credits)

Learn how to perform basic nursing tasks for patients in hospitals, long-term care facilities and their own homes. Meet state and federal requirements while preparing for basic nursing assistant certification testing. Performance will be supervised by an RN.

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=200>)

543-300. Nursing Assistant. (2 Credits)

Learn how to perform basic nursing tasks for patients in hospitals, long-term care facilities and their own homes. Meet state and federal requirements while preparing for basic nursing assistant certification testing. Performance will be supervised by an RN.

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=543&num=300>)