

Program Number 10-543-1 Associate Degree in Applied Science • Four Terms

ABOUT THE PROGRAM

If you're ill or injured, it's comforting to know you're in the care of highly skilled, well-educated healthcare professionals. At the core of that healthcare team are registered nurses whose mission is to assess and care for the ill and injured as well as to maintain health and prevent illness of individuals across the lifespan. If you work well under pressure; like math, science, communications, and problem solving; are independent; and have a strong desire to work with and help people—success may be yours as a registered nurse.

PROGRAM OUTCOMES

- Implement one's role as a nurse in ways that reflect integrity, responsibility, ethical practices, and an evolving professional identity as a nurse committed to evidence-based practice, caring, advocacy, and quality care.
- Demonstrate appropriate written, verbal, and nonverbal communication in a variety of clinical contexts.
- Integrate social, mathematical, and physical sciences, pharmacology, and pathophysiology in clinical decision making.
- Provide patient-centered care by utilizing the nursing process across diverse populations and health care settings.
- Minimize risk of harm to patients, providers, and self through safe individual performance and participation in system effectiveness.
- Lead the multidisciplinary health care team to provide effective patient care throughout the lifespan.
- Use information and technology to communicate, manage data, mitigate error, and support decision making.

ADMISSIONS STEPS

- Work with Admissions Specialist to:
 - Submit Application and \$30 Fee
 - Complete an assessment for placement (Accuplacer or ACT)
 - Complete Health Occupations Entrance Assessment - HESI
 - Submit Official Transcripts (High School and Other Colleges)
 - Complete Background Check and \$16 Processing Fee
 - Complete Health Requirements
 - Complete Chemistry Requirement
 - Complete Nursing Program Handbook Form
- Meet with Program Advisor to discuss program details

APPROXIMATE COSTS

- \$132 per credit (resident)
- \$198 per credit (out-of-state resident)
- Other fees vary by program (books, supplies, materials, tools, uniforms, health-related exams, etc.) Visit gotoltc.edu/payingforcollege for details.

PLACEMENT SCORES

Accuplacer/ACT scores will be used to develop your educational plan. Contact your program advisor/counselor for details.

SPECIAL NOTE

LTC's Nursing—Associate Degree program is accredited by the Accreditation Commission for Education in Nursing, 3343 Peachtree Road N.E., Suite 850, Atlanta, Georgia 30326.

CAREER & EDUCATION ADVANCEMENT OPPORTUNITIES

LTC credits transfer to over 30 universities. For more information visit gotoltc.edu/transfer.

CONTACT

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Catalog No.	Class Title	Credit(s)
Presemester		
10806186	Introduction to Biochemistry*	4
Term 1		
10543101	Nursing Fundamentals	2
10543102	Nursing Skills	3
10543103	Nursing Pharmacology	2
10543104	Nsg: Intro Clinical Practice	2
10801195	Written Communication OR 10801136 English Composition 1	3
10806177	General Anatomy and Physiology	4
10809188	Developmental Psychology	3
19		
Term 2		
10543105	Nursing Health Alterations	3
10543106	Nursing Health Promotion	3
10543107	Nsg: Clin Care Across Lifespan	2
10543108	Nsg: Intro Clinical Care Mgt	2
10801196	Oral/Interpersonal Communication	3
10806179	Advanced Anatomy and Physiology	4
17		
Term 3		
10543109	Nsg: Complex Health Alterat 1	3
10543110	Nsg: Mental Health Comm Con	2
10543111	Nsg: Intermed Clin Practice	3
10543112	Nursing Advanced Skills	1
10806197	Microbiology	4
10809198	Introduction to Psychology	3
10999992	Elective	2
18		
Term 4		
10543113	Nsg: Complex Health Alterat 2	3
10543114	Nsg: Mgt & Profess Concepts	2
10543115	Nsg: Adv Clinical Practice	3
10543116	Nursing Clinical Transition	2
10809172	Introduction to Diversity Studies OR 10809196 Introduction to Sociology	3
10999999	Elective*	3
16		

TOTAL 70

NOTE: *Term 4 elective credits will be met by completion of 10806186 Introduction to Biochemistry

Recommended Support/Elective Courses:

10543124	Virtual Clinical for 2nd Semester Nursing	1
10543125	Virtual Clinical for 3rd Semester Nursing	1
31543300	Learning Strategies for Nursing	1

Curriculum and Program Acceptance requirements are subject to change. Program start dates vary; check with your advisor/counselor for details.



ADVANCED ANATOMY AND PHYSIOLOGY ...is the second semester in a two-semester sequence in which normal human anatomy and physiology are studied using a body systems approach with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. Instructional delivery within a classroom and laboratory setting. Experimentation within a science lab will include analysis of cellular metabolism, the individual components of body systems such as the nervous, neuro-muscular, cardiovascular, and urinary. Continued examination of homeostatic mechanisms and their relationship to fluid, electrolyte, acid-base balance and blood. Integration of genetics to human reproduction and development are also included in this course. PREREQUISITE: 10806177 General Anatomy & Physiology or equivalent

DEVELOPMENTAL PSYCHOLOGY ...introduces the student to the study of human development throughout the lifespan. This course explores developmental theory and research with an emphasis on the interactive nature of the biological, cognitive, and psychosocial changes that affect the individual from conception to death. Application activities and critical thinking skills will enable students to gain an increased knowledge and understanding of themselves and others. COREQUISITE: 10838105 Intro Reading and Study Skills or equivalent

GENERAL ANATOMY AND PHYSIOLOGY ...examines basic concepts of human anatomy and physiology as they relate to health sciences. Using a body systems approach, the course emphasizes the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. It is intended to prepare health care professionals who need to apply basic concepts of whole body anatomy and physiology to informed decisionmaking and professional communication with colleagues and patients. PREREQUISITE: 10806134 General Chemistry or equivalent

INTRO TO PSYCHOLOGY ...introduces students to a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. It directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings. COREQUISITE: 10838105 Intro Reading and Study Skills or equivalent

INTRODUCTION TO DIVERSITY STUDIES ...is a course that draws from several disciplines to reaffirm the basic American values of justice and equality by teaching a basic vocabulary, a history of immigration and conquest, principles of transcultural communication, legal liability and value of aesthetic production to increase the probability of respectful encounters among people. In addition to an analysis of majority/minority relations in a multicultural context, the topics of ageism, sexism, gender differences, sexual orientation, the disabled and the American Disability Act (ADA) are explored. Ethnic relations are studied in global and comparative perspectives. COREQUISITE: 10838105 Intro Reading and Study Skills or equivalent

MICROBIOLOGY ...introduces the learner to examine microbial structure, metabolism, genetics, growth and relationship between humans and microorganisms. Addresses disease production, epidemiology, host defense mechanisms and the medical impact of microbes. Examines the role of microbes in the environment, industry, and biotechnology. PREREQUISITE: 10806177 General Anatomy and or equivalent

NSG: ADV CLINICAL PRACTICE ...requires the student to integrate concepts from all previous courses in the management of groups of clients facing complex health alterations. Students will have the opportunity to further develop critical thinking skills using the nursing process in making clinical decisions. Continuity of care through interdisciplinary collaboration is emphasized. Students need current professional CPR card and TB test. Student must have completed third semester courses. Course requires a minimum grade of "C" or better. COREQUISITE: 10543113 Nursing Complex Health Alterations II

NSG: CLIN CARE ACROSS LIFESPAN ...applies nursing concepts and therapeutic interventions to clients across the lifespan. It also provides an introduction to concepts of teaching and learning. Extending care to include the family is emphasized. COREQUISITE: 10543106 Nursing Health Promotion. Student must have completed all first semester courses. Student needs a current TB test and professional CPR card (1 and 2 person, adult, infant, and child, AED). Course requires a minimum grade of "C" or better.

NSG: COMPLEX HEALTH ALTERAT 1 ...prepares the learner to provide and evaluate care for patients 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. Student must have completed all second semester courses. Course requires a minimum grade of "C" or better. PREREQUISITE: 10543105 Nrsng Hlth Alt and 10543106 Nrsng Hlth Promotion and 10543107 Clin Care Across Lifespan and 10543108 Intro Clin Care Mgmt and; 10806196 A&P II or 10806179 or 10806179OL Adv A&P COREQUISITE: 10806197 or 10809197OL Microbiology

NSG: COMPLEX HEALTH ALTERAT 2 ...prepares the learner to provide and evaluate care for patients across the lifespan with alterations in the immune, neuro-sensory, musculoskeletal, gastrointestinal, hepatobiliary, renal/urinary, reproductive systems and shock-burns and trauma. The learner will also focus on management of care for patients with highrisk perinatal conditions and high-risk newborns. This course requires a minimum grade of "C" or better. PREREQUISITE: 10543109 Nrsng Complex Hlth Alt 1 and 10543112 Nrsng Adv Skills and 10543110 Nrsng Mental Hlth Comm Concepts and 10543111Nrsng Interm Clin Pract and 10806197 Microbiology or 10806197OL Microbiology

NSG: INTERMED CLIN PRACTICE ...develops the RN role when working with clients with complex health care needs. A focus of the course is developing skills needed for managing multiple clients across the lifespan and priorities. Using the nursing process students will experience adapting nursing practice to meet the needs of clients with diverse needs and backgrounds. Student must have completed all second semester courses. Student needs a current TB test and professional CPR card (1 and 2 person, adult, infant, and child, AED). Course requires a minimum grade of "C" or better. COREQUISITE: 10543112 Nursing Advanced Skills and 10543109 Nursing Complex Health Alterations I and 10543110 Nursing Mental Health Community Concepts

NSG: INTRO CLINICAL CARE MGT ...applies nursing concepts and therapeutic nursing interventions to groups of clients across the lifespan. It also provides an introduction to leadership, management, and teambuilding. COREQUISITE: 10543105 Nursing Health Alterations. Student must have completed all first semester courses. Student needs a current TB test and professional CPR card (1 and 2 person, adult, infant, and child, AED). Course requires a minimum grade of "C" or better.

NSG: INTRO CLINICAL PRACTICE ...is an introductory clinical course that emphasizes basic nursing skills and application of the nursing process in meeting the needs of diverse clients across the lifespan. Emphasis is placed on performing basic nursing skills, the formation of nurse-client relationships, communication, data collection, documentation, and medication administration. Student needs a current TB test and professional CPR card (1 and 2 person, adult, infant, and child, AED). Student needs to be admitted to the Nursing program. Course requires a minimum grade of "C" or better. CONDITION: 105431 Nursing-Associate Degree Admissions Requirements Met; or 315431 Practical Nursing Admissions Requirements Met; and COREQUISITE: 10543101 Nursing Fundamentals and 10543102 Nursing Skills and 10543103 Nursing Pharmacology

NSG: MENTAL HEALTH COMM CON ...will cover topics related to the delivery of community and mental health care. Specific health needs of individuals, families, and groups will be addressed across the lifespan. Attention will be given to diverse and at-risk populations. Mental health concepts will concentrate on adaptive/maladaptive behaviors and specific mental health disorders. Community resources will be examined in relation to specific types of support offered to racial, ethnic, and economically diverse individuals and groups. Student must have completed all second semester courses. Course requires a minimum grade of "C" or better. PREREQUISITE: 10543105 Nrsng Hlth Alt, 10543106 Nrsng Hlth Promo, 10543107 Clin Care Across Lifespan, 10543108 Intro Clin Care Mgt, 10806196 A&P II; or 10806179 or 10806179 Adv A&P & COREQUISITE: 10809198 or 10809198OL Psyc-Intro or 10809199 Psyc-Hum Rel

NSG: MGT & PROFESS CONCEPTS ...covers nursing management and professional issues related to the role of the registered nurse. Emphasis is placed on preparing for practice as a registered nurse. This course requires a minimum grade of "C" or better. PREREQUISITE: 10543109 Nrsng Complex Hlth Alterations 1 and 10543112 Nursing Advanced Skills and 10543110 Nrsng Mental Hlth Comm Concepts and 10543111 Nrsng Interm Clin Practice

NURSING ADVANCED SKILLS ...focuses on the development of advanced clinical skills across the lifespan. Content includes advanced IV skills, blood product administration, chest tube systems, basic EKG interpretation and nasogastric/feeding tube insertion. This course requires a minimum grade of "C" or better. PREREQUISITE: 10543105 Nrsng Hlth Alterations and 10543106 Nrsng Hlth Promotion and 10543107 Clin Care Across Lifespan; and 10543108 Intro Clin Care Mgmt and 10806196 A&P II; or 10806179 or 10809179OL Adv A&P

NURSING CLINICAL TRANSITION ...integrates all knowledge learned in the previous courses in transitioning to the role of the graduate nurse. The course promotes relatively independent clinical decisions, delegation, and works collaboratively with others to achieve client and organizational outcomes. Continued professional development is fostered. Student needs a current professional CPR card and TB test. Student must have completed all third semester courses. Course requires a minimum grade of "C" or better. COREQUISITE: 10543115 Nrsng Advanced Clinical Practice and 10543114 Nursing Management Concepts and 10543113 Nursing Complex Health Alterations II

NURSING FUNDAMENTALS ...focuses on basic nursing concepts to provide evidenced-based care to diverse patient populations across the lifespan. Current and historical issues impacting nursing will be explored within the scope of nursing practice. The nursing process will be introduced as a framework for organizing the care of patients. This course requires a minimum grade of "C" or better. COREQUISITE: 10806177 or 10809177OL Gen Anatomy and Physiology, 10801195 Written Comm or 10801195OL Written Comm-Online and C ONDITION: 105431 Nursing-Associate Degree or 315431 Practical Nursing Admission Requirements met

NURSING HEALTH ALTERATIONS ...elaborates upon the basic concepts of health and illness as presented in nursing fundamentals. It applies theories of nursing in the care of clients through the lifespan, utilizing problem solving and critical thinking. This course will provide an opportunity to study conditions affecting different body systems and apply evidence-based nursing interventions. It will also introduce concepts of leadership and management. Course requires a minimum grade of "C" or better. PREREQUISITE: 1054 3101 Nrsng Fund and 10543102 Nrsng Skills and 10543103 Nrsng Pharm and 10543104 Nrsng: Intro to Clin Practice and 10806177 or 10806177OL Gen Anat & Phys or 10806196 Anat & Phys II

NURSING HEALTH PROMOTION ...focuses on topics related to health promotion in for individuals and families throughout the lifespan. We will cover nursing care of the developing family, which includes reproductive issues, pregnancy, labor and delivery, post-partum, the newborn, and the child. Recognizing the spectrum of healthy families we will discern patterns associated with adaptive and maladaptive behaviors applying mental health principles. An emphasis is placed on teaching and supporting healthy lifestyle choices for individuals of all ages. Nutrition, exercise, stress management, empowerment, and risk reduction practices are highlighted. Study of the family will cover dynamics, functions, discipline styles, and stages of development. Course requires a minimum grade of "C" or better. PREREQUISITE: 10543101 Nrsng Fund, 10543102 Nrsng Skills, 10543103 Nrsng Pharm, 10543104 Nrsng Intro Clin Pract , 10809164 Human Grwth/Dev or 10809188 Dev Psyc & 10806177 or 10806177OL Gen A & P or 10806196 A & P 2 & COREQUISITE: 10801196 or 10801196OL Oral/Interpr Com or 10801198 Speech

NURSING PHARMACOLOGY ...introduces the principles of pharmacology, including drug classifications and their effects on the body. Emphasis is on the use of the components of the nursing process when administering medications. Student must be admitted to the Nursing program. Course requires a minimum grade of "C" or better. Do not register for this class until you are assigned a clinical slot in 543-104 in current or next semester. CONDITION: 105431 Nursing-Associate Degree or 315431 Practical Nursing Admissions Requirements Met; and PREREQUISITE: 10806186 Intro to Biochemistry and COREQUISITE: 10806196 Anat & Phys 2 or 10806177 or 10806177OL Gen Anat & Phys

NURSING SKILLS ...focuses on development of evidence-based clinical skills and physical assessment across the lifespan. Content includes mathematical calculations and conversions related to clinical skills. In addition the course includes techniques related to obtaining a health history and basic physical assessment skills using a body systems approach. This course requires a minimum grade of "C" or better. CONDITION: 105431 Nursing-Associate Degree Admissions Requirements Met or 315431 Practical Nursing Admissions Requirements Met; and COREQUISITE: 10806196 Anatomy and Physiology II or 10806177 or 10806177OL Gen Anatomy and Physiology

ORAL/INTERPERSONAL COMM ...provides students with the skills to develop speaking, verbal and nonverbal communication, and listening skills through individual speeches, group activities, and other projects. COREQUISITE: 10838105 Intro Reading and Study Skills or equivalent

WRITTEN COMMUNICATION ...teaches the writing process, which includes prewriting, drafting, revising, and editing. Through a variety of writing assignments, the student will analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Keyboarding skills are required for this course. It also develops critical reading and thinking skills through the analysis of a variety of written documents. PREREQUISITE: 10831103 Intro to College Wrtg equivalent and COREQUISITE: 10838105 Intro Rdg & Study Skills or equivalent