



# Nursing—Associate Degree

Program No: 10-543-1

Associate Degree in Applied Science  
Degree Completion Time: Four Terms

In general, an academic year consists of two terms; however, degree completion time may vary based on student scheduling needs and class availability.

2012-2013

Catalog No.	Class Title	Credit(s)
<b>Presemester</b>		
10806186	Introduction to Biochemistry*	4.00
<b>Term 1</b>		
10543101	Nursing Fundamentals	2.00
10543102	Nursing Skills	3.00
10543103	Nursing Pharmacology	2.00
10543104	Nsg: Intro Clinical Practice	2.00
10801195	Written Communication	3.00
10806177	General Anatomy and Physiology	4.00
10809188	Developmental Psychology	3.00
	<b>Total</b>	<b>19.00</b>
<b>Term 2</b>		
10543105	Nursing Health Alterations	3.00
10543106	Nursing Health Promotion	3.00
10543107	Nsg: Clin Care Across Lifespan	2.00
10543108	Nsg: Intro Clinical Care Mgt	2.00
10801196	Oral/Interpersonal Communication	3.00
10806179	Advanced Anatomy and Physiology	4.00
	<b>Total</b>	<b>17.00</b>
<b>Term 3</b>		
10543109	Nsg: Complex Health Alterat 1	3.00
10543110	Nsg: Mental Health Comm Con	2.00
10543111	Nsg: Intermed Clin Practice	3.00
10543112	Nursing Advanced Skills	1.00
10806197	Microbiology	4.00
10809198	Introduction to Psychology	3.00
10999992	Elective	2.00
	<b>Total</b>	<b>18.00</b>
<b>Term 4</b>		
10543113	Nsg: Complex Health Alterat 2	3.00
10543114	Nsg: Mgt & Profess Concepts	2.00
10543115	Nsg: Adv Clinical Practice	3.00
10543116	Nursing Clinical Transition	2.00
10809172	Race, Ethnic, & Diversity Studies	3.00
	OR 10809196 Introduction to Sociology	
10999999	Elective*	3.00
	<b>Total</b>	<b>16.00</b>
	<b>Program Total</b>	<b>70.00</b>

**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	1.00
10543125	Virtual Clinical for 3rd Semester Nursing	1.00
31543300	Learning Strategies for Nursing	1.00

**Note:** Catalog numbers assigned to "elective" classes are for administrative use only. Consult with program counselor regarding your elective selection.

Program start dates vary; check with your counselor for details.

Curriculum and program acceptance requirements are subject to change.

## About the Career

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.

## Careers

Upon successful completion of the program, graduates are prepared to write the NCLEX-RN exam and, upon passing that exam, may be employed as registered nurses at:

- Clinics
- Community-Based Healthcare Agencies
- Hospitals
- Nursing Homes
- Workplace-Based Healthcare

## Admissions Steps

- Application
- Application Fee
- Entrance Assessment Scores
- Transcripts
- Background Check
- Health/TB/Immunization Form
- Nursing Program Handbook
- Health Occupations Entrance Assessment (HESI)
- Chemistry Requirement
- Program Advising Session
- Functional Abilities Statement of Understanding Form

## Program Outcomes

- Adhere to professional standards of practice within legal, ethical, and regulatory frameworks of the registered nurse.
- Use effective communications incorporating lifespan considerations.
- Assess health of individuals, families, and groups across the lifespan within the context of the community.
- Make clinical decisions to assure safe and accurate nursing care.
- Provide safe, caring interventions with diverse populations across the lifespan.
- Use teaching and learning processes to promote and restore health incorporating lifespan considerations.

- Collaborate with others to respond to the needs of individuals, families, and groups across the health-illness continuum.
- Manage care to facilitate continuity within and across health care settings.

## Other Program Expectations

You'll need to:

- Have CPR professional certification (one- and two-person, adult, child and infant AED) required prior to starting clinicals.
- CNA competency must be met within 6 months of beginning nursing clinical.
- Talk, see, and hear.
- Stand, twist and bend.
- Lift up to 50 pounds up to 8 times per 4-to-8-hour clinical period.
- Tolerate environment containing products made with latex.
- See counselor for complete requirements.

## Approximate Costs

- \$126 per credit (resident)
- \$182 per credit (out-of-state resident)
- Other fees vary by program (books, supplies, materials, tools, uniforms, health-related exams, etc.)

## Special Program Accreditation

LTC's Nursing—Associate Degree program is accredited by the National League for Nursing Accreditation Commission, 3343 Peachtree Road N.E., Suite 500, Atlanta, Georgia 30326.

## Special Note

Students need to complete the first year of the program courses within two years. Students continuing on to the second year or entering as LPNs need to complete the second-year courses within two years. At the end of the first year of classes, successful students are eligible to take the NCLEX-PN for licensed practical nursing licensure. LPNs may be eligible for advanced standing in the program.

## Functional Abilities

Functional abilities are the basic duties that a student must be able to perform with or without reasonable accommodations. At the postsecondary level, students must meet these requirements, and they cannot be modified.

## Entrance Assessment Scores

Accuplacer	ACT
Arithmetic - 79	Mathematics - 18
Reading - 95	Reading - 21
Sentence Skills - 103	English - 21

# Transfer agreements are available with the following institutions:

Alverno College  
Capella University  
Concordia University  
Franklin University  
Herzing University  
Lakeland College

Marquette University  
Ottawa University  
Silver Lake College  
University of Phoenix  
Upper Iowa University  
UW-Eau Claire

UW-Green Bay  
UW-Madison  
UW-Milwaukee  
UW-Oshkosh  
UW-Stout

**IMPORTANT:** For more information on these agreements, visit [gotoltc.edu/transfer](http://gotoltc.edu/transfer).

## 10543101 Nursing Fundamentals

...focuses on basic nursing concepts that the beginning nurse will need to provide 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 with alterations in cognition, elimination, comfort, grief/loss, mobility, integument, and fluid/electrolyte balance. Student must be admitted to the Nursing program and complete this course with 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. **COREQUISITE:** 10806196 Anatomy and Physiology II or 10806177 Gen Anatomy and Physiology, 10801195 Written Communication and **CONDITION:** 105431 Nursing-Associate Degree or 315431 Practical Nursing Admission Requirements met

## 10543102 Nursing Skills

...focuses on development of clinical skills and physical assessment across the lifespan. Content includes mathematic calculations and conversions related to clinical skills, blood pressure assessment, aseptic technique, wound care, oxygen administration, tracheostomy care, suctioning, management of enteral tubes, basic medication administration, glucose testing, enemas, ostomy care, and catheterization. In addition the course includes techniques related to obtaining a health history and basic physical assessment skills using a body systems approach. Student must be admitted to the Nursing program. 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 Gen Anatomy and Physiology

## 10543103 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 Admission Requirements Met or 315431 Practical Nursing Admissions Requirements Met; and **COREQUISITE:** 10806196 Intro to Biochemistry and **COREQUISITE:** 10806196 Anat & Phys II or 10806177 Gen Anat & Phys

## 10543104 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

## 10543105 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 therapeutic nursing interventions. It will also introduce concepts of leadership, team building, and scope of practice. Student must have completed all first semester courses. Course requires a minimum grade of "C" or better. **PREREQUISITE:** 10543101 Nrsrg Fund and 10543102 Nrsrg Skills and 10543103 Nrsrg Pharm and 10543104 Nrsrg: Intro to Clin Practice and 10806177 Gen Anat & Phys or 10806196 Anat & Phys II

## 10543106 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 Nrsrg Fund, 10543102 Nrsrg Skills, 10543103 Nrsrg Pharm, 10543104 Nrsrg Intro Clin Pract, 10809164 Human Grwth/Dev or 10809188 Dev Psyc & 10806177 Gen A & P or 10806196 A & P II & **COREQUISITE:** 10801196 or 10801196OL Oral/Interpr Comm

## 10543107 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.

## 10543108 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.

## 10543109 Nsg: Complex Health Alterat 1

...prepares the learner to expand knowledge from previous courses in caring for clients across the lifespan with alterations in cardiovascular, respiratory, endocrine, and hematologic systems as well as clients 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 Nrsrg Hlth Alterations and 10543106 Nrsrg Hlth Promotion and 10543107 Clin Care Across Lifespan and 10543108 Intro Clin Care Mgmt and; 10806196 A&P II or 10806179 Adv A&P and **COREQUISITE:** 10806197 Microbiology

## 10543110 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 Nrsrg Hlth Alterations and 10543106 Nrsrg Hlth Promo and 10543107 Clin Care Across Lifespan and 10543108 Intro Clin Care Mgmt and 10806196 A&P II; or 10806179 Adv A&P and **COREQUISITE:** 10809198 Psych-Intro or 10809199 Psyc of Hum Rel

## 10543111 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

## 10543112 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. **PREREQUISITE:** 10543105 Nrsrg Hlth Alterations and 10543106 Nrsrg Hlth Promotion and 10543107 Clin Care Across Lifespan; and 10543108 Intro Clin Care Mgmt and 10806196 A&P II; or 10806179 Adv A&P. Student must have completed all second semester courses. Course requires a minimum grade of "C" or better.

## 10543113 Nsg: Complex Health Alterat 2

...prepares the learner to expand knowledge and skills from previous courses in caring for clients across the lifespan with alterations in the immune, neuro-sensory, musculoskeletal, gastrointestinal, hepatobiliary, renal/urinary and the reproductive systems. The learner will also focus on management of care for clients with high-risk perinatal conditions, high-risk newborns and the ill child. Synthesis and application of previously learned concepts will be evident in the management of clients with critical/life threatening situations. Student must have completed all third semester courses. Course requires minimum grade of "C" or better. **PREREQUISITE:** 10543109 Nrsrg Complex Hlth Alt I and 10543112 Nrsrg Adv Skills and 10543110 Nrsrg Mental Hlth Comm Concepts and 10543111Nrsrg Intermed Clin Pract and 10806197 Microbiology

## 10543114 Nsg: Mgt & Profess Concepts

...covers nursing management and professional issues related to the role of the RN. Emphasis is placed on preparing for the RN practice. Student must have completed all third semester courses. Course requires a minimum grade of "C" or better. **PREREQUISITE:** 10543109 Nrsrg Complex Hlth Alterations I and 10543112 Nursing Advanced Skills and 10543110 Nrsrg Mental Hlth Comm Concepts and 10543111 Nrsrg Intermed Clin Practice

## 10543115 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

## 10543116 Nursing Clinical Transition

...prepares the student to assume the role of graduate nurse. The course promotes clinical decision-making, delegation, and collaboration 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 Nrsrg Advanced Clinical Practice and 10543114 Nursing Management Concepts and 10543113 Nursing Complex Health Alterations II

## 10801195 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 or **CONDITION:** Written Comm Prepared Learner (Accuplacer Wrtg min score of 86 or Equivalent) and **COREQUISITE:** 10838105 Intro Rdg & Study Skills or **CONDITION:** Reading Accuplacer min score of 74 or equivalent

## 10801196 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 **CONDITION:** Reading accuplacer minimum score of 74 or equivalent

## 10806177 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 decision-making and professional communication with colleagues and patients. **PREREQUISITE:** 10806174 General Chemistry or 10806134 General Chemistry or High School Chemistry Equivalent

## 10806179 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 10806177SA General Anatomy & Physiology

## 10806197 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:** 10806195 Anat and Phys I, or 10806177 General Anat and Physiology

## 10809172 Race, Ethnic and 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 Accuplacer Reading score of 74 or equivalent

## 10809188 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 Accuplacer Reading score of 74 or equivalent

## 10809198 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 Accuplacer Reading score of 74 or equivalent