



# Registered Nursing

## Program Information

The Associate of Applied Science Registered Nursing program prepares graduates to sit for the licensure exam for registered nurses. It is a concept-based curriculum, including both nursing and general education courses that prepares individuals in the knowledge, techniques and procedures for promoting health, providing care for sick, disabled, infirmed, or other individuals or groups. Course content includes the role of the registered nurse, healthcare concepts, and technical observations and skills which includes instruction in the administration of medication and treatments, assisting a physician during treatments and examinations, and planning education for health maintenance. Supervised clinical laboratory experiences are planned to focus on the care of patients with well-defined health problems where probable outcomes of nursing interventions are predictable. Clinical experiences are provided at area hospitals and health care agencies.

Bureau of Labor Statistics reported that registered nurses (RNs) provide and coordinate patient care, educate patients and the public about various health conditions, and provide advice and emotional support to patients and their family members.

Upon completion of the Associate of Applied Science Registered Nursing, the graduate will make application to the Alabama Board of Nursing to sit for the National Council Licensure Examination for Register Nurses (NCLEX® RN). When licensure is granted, the licensed registered nurse will be able to carry out the responsibilities and duties relative to the education and training received under the guidelines of the Alabama Board of Nursing. Graduates may be employed in long-term care, out-patient care, home healthcare, public health departments, dialysis, hospitals, hospice, mental health clinics, physician offices, correctional facilities, and ambulatory clinics. The program has a competitive admissions process.

Source: Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2018-2019 Edition

## Occupational Choices

The Bureau of Labor Statistics published the following prediction: "Employment of registered nurses is projected to grow 16 percent from 2014 to 2024." There were 3.13 million registered nurses employed in the U.S. in 2016. That number will grow to 3.19 million by 2024. The largest employers of registered nurses were 61 percent worked in hospitals, 18 percent in ambulatory healthcare services, 7 percent in nursing and residential care facilities, 5 percent in government and 3 percent in state, local, and private educational services.

Source: Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2018-2019 Edition

## Average Full-Time Wage

In May 2018, the median annual wage for registered nurses was \$71,730. Consequently, the highest 10 percent earned approximately \$106,530, with the lowest 10 percent earned less than \$50,800.

Source: Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2018-2019 Edition

## Admission Criteria

Applicants should complete and submit an Associate of Applied Science Registered Nursing Program Application and request for copies of college and high school transcripts sent directly to the College's Admission Office.

### Minimum admission standards include:

1. Complete and submit a college application to Trenholm State Community College (must have unconditional admission to the college); if not currently enrolled (can be submitted online <https://webreg.trenholmstate.edu/accws/isconlap.pgm>).
2. Receipt of completed application for the nursing program by deadline June 10 for Fall admissions, October 10 for Spring admissions.

## Estimated Program Length & Cost \*

Award	Length	Credit Hours	Tuition/Fees	Books	Tools	Supplies
Associate Degree	3 Terms	67	\$10,653	\$1,400	\$845	\$600
Estimated Testing Fees: \$1,000						

\* Tax not included. Prices are subject to change without prior notice; cost of books may vary considerably among suppliers. Cost of general education books is in addition to the total listed above. The length of the program is based on full-time status of 12-15 credit hours per term. Enrollment in transitional level general education courses will alter the length of the program.

3. A minimum 2.5 GPA is required on nursing academic core classes inclusive of: ENG-101 English Composition I, MTH-100 Intermediate College Algebra (or higher-level math - Pre-Cal, Finite Math) BIO-201/202 Anatomy & Physiology I & II, BIO-220 Microbiology, PSY-210 Human Growth & Development, SPH-106 or 107 Fundamentals of Oral Communication or Public Speaking, Humanities elective (ART-101 Art or MUS-101 Music Appreciation, PHL-106 Intro to Philosophy, PHL-206 Ethics & Society, REL-100 History of World Religions, or SPA-101 Intro to Spanish I).
  4. Minimum of 2.50 high school GPA for students without prior college work (GED acceptable in lieu of high school transcript).
  5. All developmental coursework must be taken prior to entering the nursing program. Eligibility for enrollment is required for ENG-101(English Composition I), MTH-100 (Intermediate College Algebra) and BIO-201 (Anatomy & Physiology I).
  6. Good standing with the College including a minimum overall, cumulative GPA of 2.50.
  7. Meeting the essential functions or technical standards required for nursing. The requirements for meeting essential functions for the nursing program can and may be requested periodically during the nursing program by nursing faculty as indicated. If a nursing student cannot meet essential functions requirements, the student may be withdrawn from the nursing program.
  8. Official results of the ACT (minimum of 20 composite score national is required) must be submitted to the Registrar's office with a copy attached to the nursing program application. The writing component of the ACT is not required for consideration of admission to the nursing program.
  9. Transfer students must be in good standing from transferring institution with letter from Program Director and a minimum of 2.0 Cumulative GPA with nursing courses no more than one year from date of application.
4. Associate Degree Nursing general education courses:
    - ENG-101 English Composition I
    - MTH-100 Intermediate College Algebra (or higher-level math - Pre-Cal, Finite Math)
    - BIO-201/202 Anatomy & Physiology I & II
    - BIO-220 Microbiology
    - PSY-210 Human Growth & Development
    - SPH-106 or 107 Fundamentals of Oral Communication or Public Speaking

Humanities elective:

    - ART-101 Art or MUS-101 Music Appreciation
    - PHL-106 Intro to Philosophy
    - PHL-206 Ethics & Society (Preferred)
    - REL-100 History of World Religions
    - SPA-101 Intro to Spanish I
  5. Minimum 2.0 cumulative GPA at current, native institution or cumulative 2.0 GPA at institution from which student is transferring.
  6. ACT- minimum requirement of 20 score/points.
  7. Minimum 2.5 cumulative high school GPA for students without prior college courses (GED as applicable).
  8. Meeting the essential functions for nursing.

#### Transfer Policy

The transfer policy applies only to students desiring to transfer between Alabama Community College System institutions. It does not apply to students wishing to transfer from other institutions. Questions regarding this policy should be directed to the nursing program director.

### Awards Available

Associate of Applied Science  
Registered Nursing

### Program Contact

Debra Lett, PhD MSN, MPA, RN  
Director of Nursing/Instructor  
334-420-4497  
Location: Trenholm Campus - Bldg. B

As part of ongoing planning and evaluation, the College regularly evaluates student learning outcomes for each program.

#### Nursing Program Selection Criteria

1. Points for grades in the following nursing required core general educational courses are as documented:  
A = 3 points, B = 2 points, C = 1 point  
ENG-101 English Composition  
MTH-100 Intermediate College Algebra  
BIO-201 Anatomy & Physiology I  
BIO-202 Anatomy & Physiology II  
ORI-101 College Orientation
2. An additional 10 points may be awarded as determined by the individual college policy and procedure.
3. A minimum 2.5 GPA is required in the core general educational courses for the nursing program. Not all courses may have been completed at the time of admission to the nursing program; however, students may experience less conflict in scheduling classes if general education classes are completed prior to entering the professional phase of study. Core general educational courses taken in high school as dual enrollment will be used in GPA calculation.

## Associate of Applied Science Registered Nursing

### General Education Requirements (27 hours)

#### Area I - Written Composition (3 hours)

ENG-101*	English Composition I	3
ENG-102	English Composition II	3
ENG-130	Technical Report Writing	3

#### Area II - Humanities & Fine Arts (6 hours)

(Humanities and Arts disciplines include but are not limited to: Area/Ethnic Studies, Art and Art History, Foreign Languages, Music and Music History, Philosophy, Ethics, Religious Studies, Theater and Dance.)

**Note:** If SPH-106, SPH-107, SPA-101 or SPA-102 has been taken an additional 3 semester hours in Humanities and Fine Arts must be taken to satisfy requirements in Area II.

#### Arts:

ART-100	Art Appreciation	3
MUS-101	Music Appreciation	3

#### Humanities:

PHL-106	Intro to Philosophy	3
PHL-206*	Ethics & Society (Preferred)	3
REL-100	History of World Religions	3
REL-151	Survey of Old Testament	3
REL-152	Survey of New Testament	3
SPA-101	Intro Spanish I	3
SPA-102	Intro Spanish II	3
SPH-106*	Fundamentals of Oral Comm	3
SPH-107	Fundamentals of Public Speaking	3

#### Literature:

ENG-251	American Literature I	3
ENG-252	American Literature II	3
ENG-261	English Literature I	3
ENG-262	English Literature II	3
ENG-271	World Literature I	3
ENG-272	World Literature II	3

#### Area III - Natural Science & Mathematics (15 hours)

(In addition to Mathematics, disciplines in the Natural Sciences include: Astronomy, Biological Sciences, Chemistry, Geology, Physical Geography, Earth Science, Physics, and Physical Science.)

**Note:** 3 semester hours in MTH must be completed. Additional hours can be taken in the Natural Science area.

#### Mathematics:

MTH-100*	Intermediate Algebra	3
MTH-103	Intro to Technical Mathematics	3
MTH-104	Plane Trigonometry	3
MTH-110	Finite Mathematics	3
MTH-112	Precalculus Algebra	3
MTH-116	Mathematical Applications	3

#### Natural Sciences:

BIO-101	Introduction to Biology I	4
BIO-102	Introduction to Biology II	4
BIO-103	Principles of Biology I	4
BIO-104	Principles of Biology II	4
BIO-201*	Human Anatomy & Physiology I	4
BIO-202*	Human Anatomy & Physiology II	4
BIO-220*	General Microbiology	4
PHS-111	Physical Science I	4
PHS-112	Physical Science II	4
PHY-120	Introduction to Physics	4

#### Area IV - History, Social & Behavioral Sciences (3 hours):

(Social and Behavioral Sciences include, but are not limited to: Anthropology, Economics, Geography, Political Science, Psychology, and Sociology.)

#### History:

HIS-101	Western Civilization I	3
HIS-102	Western Civilization II	3
HIS-121	World History I	3
HIS-122	World History II	3
HIS-201	United States History I	3
HIS-202	United States History II	3

#### Social and Behavioral Sciences:

PSY-200	General Psychology	3
PSY-210*	Human Growth and Development	3
SOC-200	Introduction to Sociology	3
POL-200	Introduction to Political Science	3
POL-211	American National Government	3

#### Area V: Pre-Professional/College Requirements:

(Courses appropriate to the degree requirements and major of the individual student and electives.)

#### College Requirements:

ORI-101	Orientation to College	1
NUR-112	Fundamental Concepts of Nursing	7
NUR-113	Nursing Concepts I	8
NUR-114	Nursing Concepts II	8
NUR-115	Evidence Based Clinical Reasoning	2
NUR-211	Advance Nursing Concepts	7
NUR-221	Advanced Evidence Based Clinical Reasoning	7

#### Area V Credit Hours: 40

#### Total Credit Hours: 67

\* These courses are required for this program.

**Note:** Students applying for Practical Nursing are exempt from BIO-103 - Principles of Biology and PSY-200 - General Psychology.

**Note:** Students without prior college credit who enter the program may opt to take a reduced load; however, Pell Grant will be affected. Please speak to a Financial Aid Counselor. Students may choose to take ENG-101, MTH-100, PSY-210, SPH-106 or 107 and ORI-101. (as applicable).

## Course Descriptions Registered Nursing

Course #	Course Title	Credit Hours
<b>NUR-112</b>	<b>FUNDAMENTAL CONCEPTS OF NURSING</b> COREQUISITE: MTH-100, BIO-201, ORI-101 PREREQUISITE: ADMISSION TO NURSING PROGRAM This course teaches foundational knowledge of nursing concepts and clinical decision making to provide evidence-based nursing care. Content includes but is not limited to: healthcare delivery systems, professionalism, health promotion, psychosocial well-being, functional ability, gas exchange, safety, pharmacology, and coordinator/manager of care.	7
<b>NUR-113</b>	<b>NURSING CONCEPTS 1</b> COREQUISITES: ENG-101, BIO-202, PSY-210 PREREQUISITES: NUR-112, MTH-100, BIO-201, ORI-101 This course teaches foundational knowledge of nursing concepts and clinical decision making to provide evidence-based nursing care. Content includes but not limited to: coordinator/manager of care, perfusion, oxygenation, infection, inflammation, tissue, nutrition, elimination, mobility/immobility, cellular regulation, acid/base balance, and fluid/electrolyte balance	8
<b>NUR-114</b>	<b>NURSING CONCEPTS II</b> COREQUISITES: NUR-115, SPH-106 or 107 PREREQUISITES: NUR-112, NUR-113, ENG-101, BIO-201, BIO-202, PSY-210, ORI-101 This course teaches foundational knowledge of nursing concepts and clinical decision making to provide evidence-based nursing care. Content includes but is not limited to: coordinator/manager of care, sexuality, reproduction and childbearing, infection, inflammation, sensory perception, perfusion, cellular regulation, mood disorders and affect, renal fluid/electrolyte balance, and medical emergencies.	8
<b>NUR-115</b>	<b>EVIDENCE BASED CLINICAL REASONING</b> COREQUISITES: NUR-114, SPH-106 or 107 PREREQUISITES: NUR-112, NUR-113, ENG-101, BIO-201, BIO-202, PSY-210, ORI-101 This course provides students with opportunities to collaborate with various members of the health care team in a family and community context. Students utilize clinical reasoning to assimilate concepts within the individual, health, and nursing domains.	2
<b>NUR-211</b>	<b>ADVANCE NURSING CONCEPTS</b> COREQUISITES: BIO-220 PREREQUISITES: NUR-114, NUR-115, SPH-106 or 107 This course provides opportunities for students to integrate advanced nursing care concepts within a family and community context. Content includes but is not limited to: manager of care for advanced concepts in safety, fluid/electrolyte balance, cellular regulation, gas exchange, psychosocial well-being, growth and development, perfusion, and medical emergencies.	7
<b>NUR-221</b>	<b>ADVANCED EVIDENCE-BASED CLINICAL REASONING</b> COREQUISITES: HUM-Humanities elective (Ethics preferred) PREREQUISITES: BIO-220, NUR-211 This course provides students with opportunities to demonstrate graduate competencies through didactic and preceptorship experiences necessary to transition to the profession of nursing. Content in nursing and health care domains includes management of care, professionalism, and healthcare delivery systems.	7