# Associate of Science in Nursing

## Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
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<tbody>
<tr>
<td>CGN 100</td>
<td>English Composition</td>
<td>This course is designed to teach the student and prepare them for college writing. Students will compose essays and other works using various methods of development.</td>
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<tr>
<td>CGN 101</td>
<td>College Algebra</td>
<td>This course introduces the student to the concept of algebra. The student will simplify or perform operations on signed numbers, radicals, and expressions containing exponents, graph linear equations and solve related applications.</td>
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<tr>
<td>CGN 102</td>
<td>Effective Communication</td>
<td>This course is designed to use communication theories, models and terms to teach the student effective communication with all team members and clients. The students will also learn how to communicate in a concise and compassionate way with client’s family members.</td>
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<tr>
<td>CGN 103</td>
<td>Psychology</td>
<td>This course will introduce the students the basic concepts of psychology and how they can be applied to the field of nursing. Psychosocial stages of development will be studied and discussed as well as how psychology works from basic theories and principles, through research, understanding and explaining results, to the actual application of psychological techniques.</td>
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<tr>
<td>CGN 110</td>
<td>Human Growth And Development</td>
<td>The study of Human growth and development can help the students understand the various stages from birth to death, following the development of motor, language and cognitive capacities from the beginning of life to its end. Students will learn about the different diseases at various cross-sectional stages/ages of life that relate directly to the description of the development of physical or mental processes. Emphasis is focused on how to generate questions when talking to or hearing about a patient’s illness depending on what stage of life the patient is going thru.</td>
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<tr>
<td>CGN 111</td>
<td>HIV/AIDS Education</td>
<td>This course covers the main aspects of this infectious disease such as most recommended methods of prevention, most effective treatments available today, facts about myths surrounding HIV/AIDS infection and list of routes by which the virus can be transmitted for one individual to another.</td>
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<tr>
<td>CGN 112</td>
<td>Human Anatomy And Physiology I</td>
<td>This course provides students with basic knowledge of the normal structure and function of the human body. Major content focuses on the interrelations among the organ systems and the relationship of each organ system to homeostasis. Upon completion of this course, students will be able to demonstrate basic knowledge of body system, their interrelationship and associated medical terminology.</td>
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<tr>
<td>CGN 113</td>
<td>Human Anatomy and Physiology Lab I</td>
<td>This lab is designed to complement CGN 112 (Human Anatomy and Physiology I) and helps students apply what they have learned in a lab setting.</td>
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CGN 114 Human Anatomy And Physiology II
This course offers a detailed study of the anatomy and physiology of the circulatory, immune, respiratory, digestive, urinary and reproductive systems. Students will gain factual knowledge (terminology, classifications, methods and trends) about human anatomy and physiology. They will integrate fundamental principles, generalization, or theories of human anatomy into their repertoire of nursing skills needed to perform a professional assessment.

CGN 115 Human Anatomy And Physiology Lab II
This lab is designed to complement CGN 113 (Human Anatomy and Physiology Lab I) and helps students apply what they have learned in a lab setting.

CGN 116 Chemistry
This course will provide the student with the basic principles of modern chemistry including basic measurements, chemical bonding, chemical reactions, and concentrations of solutions as it applies to nursing.

CGN 117 Chemistry Lab
This course is designed to complement CGN 116 (Chemistry) and will reinforce to students what they have learned in lecture in a lab setting.

CGN 118 Microbiology and Infection Control
This course provides students with a sound scientific foundation in epidemiology, microbiology and continuous improvement theory that will allow them to successfully apply these principles to the day-to-day practice of infection control. Emphasis is focused on practical applications in a wide variety of health care settings and subjects such as HIV/AIDS, hospitals, long term care, home care and ambulatory care setting.

CNR 200 Introduction to Nursing
This introductory course provides the student with an initial view to the health care system and nursing as a profession. The student will learn about parts of the nursing process and how to utilize them in the implementation of nursing technologies designed to promote optimum care. In addition, the student will learn to apply knowledge from behavioral and biological sciences in formulating a scientific rational foundation for nursing practice as a professional member and care provider. Concepts related to self-care theory, critical thinking, communication, health teaching, community and ethical/legal aspects are introduced.

CNR 201 Introduction to Nursing Lab & Clinical Skills
This course is designed to complement CNR 200 (Introduction to Nursing) and gives students the opportunity to apply nursing concepts by providing explanation, demonstration, and practice of care provider activities necessary and essential to the practice of nursing. Learning experiences are provided in a learning skills lab.
### CNR 202 Health Assessment

During this course students will have the opportunity to practice and learn how to take health history and physical examination skills with patients of all ages. Emphasis is placed on analyzing symptoms along with physical, psychosocial, growth and development assessments. Students will be able to utilize critical thinking skills in identifying health alterations, formulating nursing diagnoses and charting findings appropriate to nursing. This course includes clinic simulation practice.

### CNR 203 Health Assessment Lab

This lab is designed to complement what was learned in Health Assessment theory and applies the knowledge in a lab setting.

### CNR 204 Nutrition

This course entails the study of dietary requirements in health and in specific disorders. Students are introduced to basic concepts of nutrition to patients. Topics of discussion include basic principles of digestion and absorption, nutrient function, dietary analysis and food labels, recommended nutrient intakes, nutrition and disease prevention. Energy balance, weight control, and nutrition thought life cycles.

### CNR 205 Pharmacology Applied to Health Sciences

This course provides opportunities to develop competencies necessary to meet the needs of individuals throughout the lifespan in a safe, legal, and ethical manner using the nursing process. This course introduces students to basic principles of pharmacology and the knowledge necessary to safely administer medication. This course also presents a composite overview of drug classifications and pharmacodynamics related to nursing. The most common drugs utilized in drug therapy are investigated as to actions, use, side effects, and nursing applications.

### CNR 206 Medical Surgical Nursing

This course is designed to introduce the nursing student to nursing care of the adult client. Moderate and complex alterations to the client’s health, including HIV/AIDS, will be explored and students will learn to provide care delivery in a variety of settings to include in patient and community. Students will learn to provide care within specific body systems focusing on meeting the needs of the client, family and community.

### CNR 207 Medical Surgical Nursing Clinical

This course is designed to complement CNR 206 Medical Surgical Nursing and will provide opportunity to apply concepts of nursing and for explanation, demonstration and practice of skills related to medical surgical nursing in a clinical setting.

### CNR 208 Maternal Child Nursing

This course focuses on the role of the nurse in meeting the physiological, psychosocial, and cultural and development needs of the maternal and child patient. Course content includes ante partum, intrapartum, and postpartum care, complications of pregnancy, newborn care, human growth and development, pediatric care, and selected pediatric alteration. Nutrition, pharmacology, cultural diversity, use of technology, communication, anatomy and physiology review, medical terminology, critical thinking, and
The application of the nursing process are integrated throughout this course. Upon completion of this course, students will be able to provide and manage care for maternal and pediatric patients in a variety of settings. Students will have the opportunity to see applications of this course in a clinical setting.

**CNR 209 Maternal Child Nursing Clinical**

This course provides students with the opportunity to apply concepts of maternal and child nursing. Experiences will be provided in inpatient, long term and community settings focusing on the nurse’s role of meeting the needs of the client, family, and community. Students will actively participate in preventive care and maintenance of health projects.

**CNR 210 Pediatric Nursing**

This course includes discussion of growth and development, pathophysiology, pharmacology and nursing care of children/adolescent with specific disorder. Focus will be placed on nursing assessment and treatment as well as family education and their follow up with the patient.

**CNR 211 Pediatric Nursing Clinical**

This course provides students with the opportunity to apply concepts of pediatric nursing. Experiences will be provided in inpatient, long term and community settings focusing on the nurse’s role of meeting the needs of the client, family, and community. Students will actively participate in preventive care and maintenance of health projects.

**CNR 212 Community Nursing Clinical**

This course is designed to assist the student in applying knowledge of community health resources by managing and understanding cultural influences on health practices with special focus on the beliefs of the family while providing culturally competent health care.

**CNR 213 Psychiatric Nursing**

This course is designed to provide an overview of psychosocial adaptation and coping concepts used when caring for clients with acute and chronic alterations in mental health in a variety of settings. Topics include therapeutic communication skills, normal and abnormal behaviors, treatment modalities, and developmental needs. Upon completion of this course, students will demonstrate the ability to assist clients in maintaining psychosocial integrity through the use of the nursing process. This course in combined with exposure to a clinical setting.

**CNR 214 Psychiatric Nursing Clinical**

This course is designed to complement CNR 213 (Psychiatric Nursing) and provides the student with the opportunity to practice the concepts learned in a clinical setting.

**CNR 215 Professional Nursing and Leadership**

This course is designed to provide an overview of leadership management concepts and theories necessary for the current health care environment. This course focuses on delegation, decision making, budgeting, legal and ethical aspects, quality improvement, evidence based practice and population based practice.