

## COURSE DESCRIPTIONS

### NURSING COURSES

#### **NSG-131 Concepts of Nursing I**

**6 Credits**

Introduction to concepts and procedures of nursing practice. Fundamental skills are developed and applied within a framework of the nursing process and Maslow's hierarchy of human needs. Emphasis is placed on using the nursing process to meet the physiological, social and psychological needs of clients. Clinical experiences focus on alterations in health of the adult client with acute and chronic medical surgical conditions.

*60 Theory and 120 Clinical Hours*

*Prerequisite: Admission to the School*

*Co-requisites: NSG 137, Anatomy & Physiology I and Introduction to Psychology*

#### **NSG-137 Physical Assessment**

**3 Credits**

Provides the knowledge and skills necessary to perform a comprehensive adult health assessment. Through discussion, laboratory and individual practice, all body systems are assessed. Emphasis is on interviewing, obtaining a complete health history, performing a physical assessment and systematic documentation of findings.

*30 Theory/45 Laboratory hours*

*Co-requisites: NSG-131*

#### **NSG-135 Concepts of Nursing II**

**7 Credits**

Prepares students to use the nursing process in caring for clients experiencing common physiological alterations. Introduces concepts of leadership and management. Builds on previous learning and develops additional skills. Provides clinical experience in a variety of settings.

*60 Theory and 180 Clinical hours*

*Prerequisites: NSG-131, NSG 137, Anatomy & Physiology I, Introduction to Psychology*

*Co-requisites: Anatomy and Physiology II and Developmental Psychology Across the Life Span*

#### **NSG-133 Concepts of Nursing III**

**3 Credits**

Assists students in the use of the nursing process when caring for the client experiencing mental health problems. Emphasizes client care during all phases of mental health disorders, from prevention through rehabilitation. Explores concepts of groups. Provides experiences in a variety of mental health settings.

*30 Theory and 60 Clinical hours*

*Prerequisites: NSG-135, Developmental Psychology Across the Life Span,  
Anatomy & Physiology II*

#### **NUR-151 Pharmacology in Nursing**

**3 Credits**

Theoretical approach to pharmacology, expanding basic concepts of drug knowledge required to administer medication safely. Emphasizes pharmacology as an integrated science requiring up-to-date information consistent with current nursing responsibilities, technology and practice. Drug therapies affecting body systems are a major consideration.

**NSG-234 Concepts of Nursing 1V****9 Credits**

Prepares the student to use the nursing process in caring for clients across the life span. Emphasizes health promotion, illness prevention and rehabilitation. Further explores the concept of leadership and management. Offers learning experiences in a variety of settings including pediatric facilities.

*90 Theory and 180 Clinical hours*

*Prerequisites: NSG-133, English Composition I, Pharmacology*

**NSG-232 Concepts of Nursing V****9 Credits**

Develops knowledge and skills to care for the client with multiple needs requiring complex interventions. Emphasizes nursing care to individuals and groups of clients. Mastery of intricate psychomotor techniques is stressed and complex client problems, resulting in alteration of homeostatic mechanisms, are studied. Clinical learning experiences are provided in a variety of settings, including critical care areas.

*90 Theory and 180 Clinical hours*

*Prerequisites: NSG-234, Microbiology*

**LPN TRACK****NSG-136 LPN Transition: Nursing Through the Lifespan****9 Credits**

Covers the content and skills presented in NSG 131,135, and 133. Emphasizes use of the nursing process to meet the self-care deficits of clients and families through the life span. Topics include critical thinking, cultural diversity, holistic care plans, health promotion, discharge planning and professional practices. [Enrollment requires current LPN license].

*90 Theory and 180 Clinical hours*

*Prerequisite: Anatomy & Physiology I and II, English Composition I, Introduction to Psychology, Developmental Psychology Across the Lifespan, Pharmacology in Nursing, Physical Assessment*

## **SUPPORT COURSES**

### **PHYSICAL and BIOLOGICAL SCIENCES**

#### **BIO 103 Anatomy and Physiology I**

**4 Credits**

Systematic approach to structure and function of the human body; general terminology and organization; cells and tissues; integumentary, muscular, skeletal and nervous systems. Lab involves microscope usage and the study of human anatomy via computer software and preserved specimens

*3 lecture and 3 laboratory hours*

#### **BIO 104 Anatomy and Physiology II**

**4 Credits**

A continuation of BIO 103; covering digestive, circulatory, urinary, reproductive, respiratory and endocrine systems. Lab includes cat dissection, human anatomy study via computer software and quantitative studies of physiological processes.

*3 lecture and 3 laboratory hours*

#### **Microbiology Lab Science Elective (100 level or higher)**

**4 Credits**

Explores morphology, taxonomy and metabolism of microbes with emphasis on fungi, protozoans, helminthes, viruses, and bacteria. Covers the role of microbes in nature, including industrial applications and medical importance; human defense mechanisms; and immunology. The lab develops techniques, reinforces certain lecture content, and introduces new material.

*3 lecture and 3 laboratory hours*

### **SOCIAL SCIENCES AND HUMANITIES**

#### **PSY 101 Introduction to Psychology**

**3 Credits**

The scientific study of human nature -- facts, principles, and theories concerning the mental, emotional, neurological, and social dimensions of human experience. Topics include consciousness, learning, thinking, memory, brain structure and function, motivation and emotion, development, personality, mental illness and its treatment, relationships, and social influence.

*3 lecture hours*

#### **PSY 207 Developmental Psychology: Across the Life Span**

**3 Credits**

Studies the physical, mental, emotional and social development of the individual throughout the life span. Students learn to evaluate major theories and methods of study in developmental psychology, to identify the opportunities and dangers inherent at each phase of life and to understand the factors that influence developmental processes.

*3 lecture hours*

**ENG 101 English Composition I****3 Credits**

College-level composition course designed to assist students in writing 750- to 1500-word essays on topics in various academic disciplines. Focuses on development and support of ideas, essay structure, critical thinking, analysis of readings, and other aspects of writing. Students are introduced to research techniques and documentation.

**ENG 102 English Composition II****3 Credits**

Second-level composition course designed to assist students in writing 1500- to 3000-word essays, including a formally documented research paper. Readings introduce students to literature and the analysis of concepts, language, and formal elements.

**Philosophy Elective (Moral Choices or Ethics)****3 Credits****Mathematics Elective****3 Credits**

Algebraic or Statistical math at 100 level or higher