

# **IVC Nursing Program – Curriculum**

## **Semester 1 – NURS 107 and 109**

### **NURS 107 (7.0 Units)**

#### **Nursing Fundamentals**

**Term Hours: 45 Lec, 243 Lab**

#### **Letter Grade Only**

Prerequisite: Admission to the Associate Degree Nursing Program.

This course provides an introduction to nursing and roles of the nurse, as well as profession related and patient care concepts. Emphasis is placed on the knowledge and skills needed to provide safe, quality care. The theoretical foundation for basic assessment and nursing skills is presented, and the student is given an opportunity to demonstrate these skills in a clinical laboratory setting. An introduction to the nursing process provides a decision-making framework to assist students in developing effective clinical judgment skills. Utilization of the nursing process and developmental theories (primary Erikson), focus on the nursing role as communicator, provider of care, and patient teacher. Parameters of health are defined. Nursing fundamental concepts are introduced related to physical and psychological assessment needs of the normal and ill individual; pain assessment, interventions and evaluation; basic nutrition; and stress and adaptation concepts. Variations in nursing care for individuals of different socio-economic and cultural backgrounds will be explored. Additional materials fee applies. (CSU)

### **NURS 109 (1.0 Units)**

#### **Pharmacology**

**Term Hours: 18 Lec, 0 Lab**

#### **Letter Grade Only**

Prerequisite: Admission to the Associate Degree Nursing Program.

Corequisite: NURS 107.

This course provides an introduction to the principles of pharmacology, including: pharmacokinetics, pharmacodynamics, medication interactions and potential adverse medication reactions. Emphasis will be placed on life span issues, gene therapy, medication errors, substance abuse, Immunizations and OTC, herbal and dietary medications. Focus will be on nursing actions and rationale for the concepts and medications covered. (CSU)

## **Optional:**

### **NURS 081 (1.0 Unit)**

#### **Individual Studies 1st Semester: Nursing**

**Term Hours: 0 Lec, 54 Lab**

#### **Pass/No Pass Only**

Prerequisite: Admission to the Nursing Program.

This course is designed to facilitate the learning of first semester nursing knowledge, skills and concepts through individualized, computer enhanced and nursing tutor mediated instruction. (Nontransferable, nondegree applicable)

## **Semester 2 – NURS 123, 127, and 128**

### **NURS 123 (1.5 Units)**

#### **Pharmacology II**

**Term Hours: 27 Lec, 0 Lab**

#### **Letter Grade Only**

Prerequisite: NURS 109 with a grade of "C" or better.

Corequisite: NURS 127.

The course addresses the principles of medication therapy for acute and complex conditions including the effects, actions, algorithms and recommended use of drugs in the treatment of complex patient problems. Safe administration practices and reduction of medication errors will be covered. The student will learn to manage complex medication administration through various routes including intravenous routes. Nursing actions and rationale for nursing actions are explored. Clinical applications are integrated into the clinical nursing courses. (CSU)

### **NURS 127 (4.0 Units)**

#### **Medical Surgical Nursing I**

**Term Hours: 36 Lec, 108 Lab**

#### **Letter Grade Only**

Prerequisite: NURS 108 and NURS 109 with a grade of "C" or better.

Corequisite: NURS 123.

This course focuses on the care of adult clients with health alterations that require medical and/or surgical intervention. Emphasis is placed on the care of clients with alterations in selected body functions. Concepts of client centered care, cultural sensitivity, informatics, safe practice, and professionalism are integrated throughout the course. Clinical experiences provide the student an opportunity to apply theoretical concepts and implement safe client care to adults in a variety of settings. Additional materials fee applies. (CSU)

### **NURS 128 (4.0 Units)**

#### **Nursing Care of the Childbearing Family**

**Term Hours: 36 Lec, 108 Lab**

#### **Letter Grade Only**

Prerequisite: NURS 127 with a grade of "C" or better.

This course provides an integrative, family-centered approach to the care of women of childbearing age and newborns. Emphasis is placed on normal and high-risk pregnancies, normal growth and development, family dynamics, reproductive health changes, and the promotion of healthy behaviors in patients. Clinical experiences provide the student an opportunity to apply theoretical concepts and implement safe patient care to women of childbearing age and newborns in selected settings. (CSU)

## **Optional**

### **NURS 082 (1.0 Unit)**

#### **Individual Studies 2nd Semester: Nursing**

**Term Hours: 0 Lec, 54 Lab**

#### **Pass/No Pass**

Prerequisite: Admission to the Nursing Program and completion of first semester courses.

This course is designed to facilitate the learning of second semester nursing knowledge, skills and concepts through individualized, computer enhanced and nursing tutor mediated instruction. (Nontransferable, nondegree applicable)

## **Semester 3 – NURS 218 and 223**

### **NURS 218 (3.5 Units)**

#### **Nursing Care of the Childrearing Family**

**Term Hours: 36 Lec, 81 Lab**

#### **Letter Grade Only**

Prerequisite: NURS 123 and NURS 128 with a grade of "C" or better.

This course provides an integrative, family-centered approach to the care of children. Emphasis is placed on normal growth and development, family dynamics, common pediatric disorders and the promotion of healthy behaviors in patients. Clinical experiences provide the student an opportunity to apply theoretical concepts and implement safe patient care to children in selected settings. (CSU)

### **NURS 223 (5.0 Units)**

#### **Medical Surgical Nursing III & Preceptorship**

**Term Hours: 63 Lec, 243 Lab**

#### **Letter Grade Only**

Prerequisite: NURS 218 with a grade of "C" or better.

This course focuses on the health alterations of adults and older adults. Emphasis is placed on the unique alterations of adults and those progressing in age including the oldest old in the adult life span. Evidence based practices related to changes in physiological status, psychosocial needs, health promotion, health education, safety, end-of-life-care,

and interdisciplinary collaboration are integrated throughout the course. Clinical experiences provide an opportunity to apply theoretical concepts and principles of geriatric nursing while implementing safe care in a variety of health care and community settings. (CSU)

## **Optional**

### **NURS 083 (1.0 Unit)**

#### **Individual Studies 3rd Semester: Nursing**

**Term Hours: 0 Lec, 54 Lab**

#### **Pass/No Pass**

Prerequisite: Admission to the Nursing Program and completion of second semester courses.

This course is designed to facilitate the learning of third semester nursing knowledge, skills and concepts through individualized, computer enhanced and nursing tutor mediated instruction. (Nontransferable, nondegree applicable)

## **Psych Nursing – after Semester 3 Summer or Winter**

### **NURS 219 (3.0 Units)**

#### **Psychiatric and Mental Health Nursing**

**Term Hours: 36 Lec, 54 Lab**

#### **Letter Grade Only**

Prerequisite: NURS 218 with a grade of "C" or better.

This course focuses on the care of clients across the lifespan experiencing cognitive, mental and behavioral disorders. Emphasis is placed on management of clients facing emotional and psychological stressors as well as promoting and maintaining the mental health of individuals and families. Concepts of crisis intervention, therapeutic communication, anger management, and coping skills are integrated throughout the course. The community as a site for care and support services is addressed. Clinical experiences provide the student an opportunity to apply theoretical concepts and implement safe client care to clients in selected mental health settings. Clinical experience may be out of county. (CSU)

## **Semester 4 – NURS 227**

### **NURS 227 (8.0 Units)**

#### **Medical Surgical Nursing III & Preceptorship**

**Term Hours: 63 Lec, 243 Lab**

#### **Letter Grade Only**

Prerequisite: NURS 218 and NURS 219 with a grade of "C" or better.

Corequisite: NURS 229

This course focuses on advanced concepts of nursing care as they relate to patients across the lifespan with complex, multisystem alterations in health. Emphasis is placed on implementing time management and organizational skills while managing the care of patients with multiple needs and collaborating with the interdisciplinary team. Complex clinical skills, as well as priority setting, clinical judgment, and tenets of legal and ethical practice, are integrated throughout the course. Clinical experiences and advanced clinical preceptorships provide the student an opportunity to apply theoretical concepts and implement safe care to patients and selected groups in a variety of settings. (CSU)

## **Optional**

### **NURS 084 (1.0 Unit)**

#### **Individual Studies 4th Semester: Nursing**

**Term Hours: 0 Lec, 54 Lab**

#### **Pass/No Pass**

Prerequisite: Admission to the Nursing Program and completion of third semester courses.

This course is designed to facilitate the learning of fourth semester nursing knowledge, skills and concepts through individualized, computer enhanced and nursing tutor mediated instruction. (Nontransferable, nondegree applicable)