

# NURSING (NURS)

## **NURS-194 Pharmacology & Dosage Calculations for Nurses** **3.5 Units (LEC 56-63)**

This course provides nursing students with a methodical approach for calculating medication dosages, selecting and administering drugs, and monitoring the patient's response to drug therapy. Content includes general principles of pharmacology, legal, ethical, and safety aspects of medication administration and drug calculations. Drug information includes pharmacotherapeutics, pharmacodynamics, pharmacokinetics, contraindications and precautions, adverse side effects and drug interactions. Also includes patient variables (health status, life span/gender, diet, lifestyle/habits, environment, and culture in relationship to drug therapy).

**Prerequisite:** Acceptance in the Associate Degree Nursing Program.  
**Transfers to CSU only**

## **NURS-212 Foundations of Nursing** **4 Units (LBE 96-108, LEC 32-36)**

This course provides an introduction to nursing and the roles of the nurse, the nursing process, critical thinking, knowledge, and basic skills necessary to administer beginning level assessment and intervention/procedure for adults. The emphasis is on health promotion in wellness settings. Clinical experiences will provide opportunities for students to participate in therapeutic activities in a variety of health settings that focus on health maintenance and promotion.

**Prerequisite:** Admission requirements to the RN program.  
**Corequisite:** NURS-194.  
**Transfers to CSU only**

## **NURS-214 Introduction to Medical-Surgical Nursing I** **4 Units (LBE 96-108, LEC 32-36)**

This course introduces concepts/practices relating the non-critical young adult through geriatric adult in the medical/surgical environment. Utilizing the nursing process, the student will begin to recognize alterations in functioning or illness and formulate age appropriate nursing interventions. Selected psychomotor skills associated with the basic needs, medication administration and intravenous therapy will be studied/practiced. This course introduces the first year nursing student to concepts and practices relating to the adult patient in the Medical/Surgical environment.

**Prerequisite:** NURS-212 (with a grade of C or better).  
**Corequisite:** NURS-194.  
**Transfers to CSU only**

## **NURS-222 Nursing Care of Children & Families** **3.5 Units (LBE 72-81, LEC 32-36)**

This course focuses on the integration and application of the nursing process as it relates to the nursing care of children and their families. Emphasis is on the concepts and skills related to age-appropriate family centered care.

**Prerequisite:** Admission to the Associate Degree Nursing Program.  
**Transfers to CSU only**

## **NURS-224 Beginning Medical-Surgical Nursing II** **5 Units (LBE 120-135, LEC 40-45)**

This course develops the first year nursing student's knowledge and skills as they relate to the adult non-critical, moderately complex medical/surgical patient. Through utilization of the nursing process, the student will recognize alterations in functioning or illness and formulate age-appropriate nursing interventions. Psychomotor skills associated with moderately complex needs, medication administration and intravenous therapy will be studied and practiced. The impact of multiple nursing diagnoses on patient outcomes will be introduced.

**Prerequisite:** NURS-214 (with a grade of C or better).  
**Transfers to CSU only**

## **NURS-226 Nursing of Childbearing & Families** **3.5 Units (LBE 72-81, LEC 32-36)**

This course will enable the student to obtain knowledge and skills necessary to provide safe, effective, culturally sensitive physiological and psychosocial care using the nursing process and family centered approach for childbearing clients and their families. Clinical experiences emphasizes refinement of critical thinking, decision making, psychomotor skills and management of care for evidence based practice in the roles of professional nursing.

**Prerequisite:** Admission to the Associate Degree Nursing Program.  
**Transfers to CSU only**

## **NURS-232 Role Transition** **3 Units (LBE 48-54, LEC 32-36)**

This course is an advanced placement (bridge) course for the LVN to RN student who will be transitioning into the third semester of the Associate Degree Nursing Program. The course will focus on the theory and application of concepts of physical assessment, the nursing process, critical thinking, relationship of homeostatic mechanisms to fluids and electrolytes and nursing competencies in the professional roles of clinician, teacher, leader, and advocate.

**Prerequisite:** Admission to the Associate Degree Nursing Program and Licensed Vocational Nurse.  
**Corequisite:** NURS-572.  
**Transfers to CSU only**

## **NURS-234 Intermediate Medical-Surgical Nursing III** **5 Units (LBE 120-135, LEC 40-45)**

This course will synthesize and correlate nursing knowledge and skills in providing care to multiple patients who have complex, multi-system illnesses. Focus will be for the students to predict patient needs and priorities, and evaluate outcomes on care. Associated psychomotor skills will be integrated and practiced.

**Prerequisite:** NURS-224 or NURS-232 (with a grade of C or better).  
**Transfers to CSU only**

**NURS-236 Mental Health Nursing**  
**3 Units (LBE 72-81, LEC 24-27)**

This course provides an introduction to Mental Health Nursing using the nursing process to promote psychosocial integrity within the context of the health illness continuum across the life span. Emphasis is on therapeutic interactions and communications, biopsychosocial, rehabilitation and therapeutic use of self. Clinical experiences will provide opportunities for students to participate in therapeutic activities in a variety of mental health settings.

**Prerequisite:** Admission to the Associate Degree in Nursing Program or the LVN-RN Transition Program or the 30 Unit Option Program.

**Transfers to CSU only**

**NURS-238 Gerontology and Community Nursing**  
**2 Units (LBE 48-54, LEC 16-18)**

This course builds on previous knowledge and skills in applying the nursing process to older adults living in the community. Gerontological nursing theory is stressed with emphasis on lifestyle and physical changes that occur with aging, the process of initiating health referrals for the older adult, and the outcome criteria for evaluating the aging individual's response to teaching and learning. The student will also explore interventions to increase the older adult's functional abilities.

**Prerequisite:** Admission to the Associate Degree Nursing Program or LVN-RN Transition Program or 30-Unit Option Program.

**Transfers to CSU only**

**NURS-244 Advanced Medical-Surgical Nursing IV**  
**4 Units (LBE 96-108, LEC 32-36)**

This course focuses on advanced application of the nursing process in the care of critically ill adult and geriatric patients. The student will organize and discriminate data to establish priorities of care. Correlated clinical experiences emphasize refinement of clinical decision making, psychomotor skills and management of patient care in professional nursing practice.

**Prerequisite:** NURS-234 (with a grade of C or better).

**Transfers to CSU only**

**NURS-248 Preceptorship**  
**2.5 Units (LBE 120-135)**

This course provides the senior nursing student the opportunity to integrate and apply previously learned skills/knowledge in the role of graduate nurse and prepare for professional responsibilities in employment. The student will participate as a pre-licensed preceptee member of the healthcare team and assume responsibility for a group of clients under the direct supervision of a qualified registered nurse. Students use critical thinking skills in their role of advocate, leader, and manager of patient care.

**Prerequisite:** NURS-244 (with a grade of C or better).

**Transfers to CSU only**

**NURS-501 Pathopharmacology**  
**2 Units (LEC 32-36)**

This course combines two related nursing concepts of pathophysiology and pharmacology. This course will introduce students to pathophysiology relates manifestations of the disease, risk factors for disease, complications, and the principles of pathology underlying illness and injury to therapeutic nursing interventions and outcomes. Pharmacology portion focuses on the basic drug classification, concepts, and principles of pharmacology with emphasis on consideration for the nursing role in developing a comprehensive approach to the clinical application of drug therapy through the use of the nursing process to enhance clinical judgement. Nursing implications relative to the utilization of drug therapy are described, discussed, and examined.

**Prerequisite:** Admission to the Associate Degree Nursing Program.

**Corequisite:** NURS-502, and NURS-571

**Transfers to CSU only**

**NURS-502 Foundations of Nursing**  
**3 Units (LBE 72-81, LEC 24-27)**

This course provides a foundation and introduction to nursing and the roles of the registered nurse with emphasis on nursing process, critical thinking, nursing knowledge, and basic skills necessary to administer beginning level assessment and intervention/procedure for adults and geriatrics populations. Clinical experiences will provide opportunities for students to participate in therapeutic activities in a variety of health settings that focus on health maintenance and promotion.

**Prerequisite:** Admission to the Associate Degree Nursing Program.

**Corequisite:** NURS-501, and NURS-571.

**Transfers to CSU only**

**NURS-503 Introduction to Medical-Surgical Nursing I**  
**3.5 Units (LBE 96-108, LEC 24-27)**

This course introduces concepts/practices relating the non-critical young adult through geriatric adult in the medical/surgical environment. Utilizing the nursing process, the student will begin to recognize alterations in functioning or illness and formulate age-appropriate nursing interventions. Selected psychomotor skills associated with the basic needs and medication administration will be studied/practiced. This course introduces the first-year nursing student to concepts and practices relating to the adult and geriatric patient in the Medical/Surgical environment.

**Prerequisite:** NURS-502 (with a grade of C or better).

**Transfers to CSU only**

**NURS-504 Beginning Medical-Surgical Nursing II**  
**6 Units (LBE 144-162, LEC 48-54)**

This course will develop nursing knowledge and skills in providing care to chronic, stable Medical Surgical patients. The focus will be for the students to manage needs and priorities and evaluate outcomes on care. Associated psychomotor skills will be integrated and practiced.

**Prerequisite:** NURS-503 (with a grade of C or better), and NURS-571 (with a Pass).

**Corequisite:** NURS-505.

**Transfers to CSU only**

**NURS-505 Mental Health Nursing**  
**3.5 Units (LBE 72-81, LEC 32-36)**

The focus of this course on integration and application of the nursing process as it applies to the nursing care of Mental Health clients using the nursing process to promote psychosocial integrity within the content of the health illness continuum across the life span. Emphasis is on therapeutic interactions and communication, bio-psychosocial, rehabilitation, and therapeutic use of self. Clinical experience will provide opportunities for students to participate in therapeutic activities in a variety of mental health settings.

**Prerequisite:** NURS-503 (with a grade of C or better), and NURS-571 (with a Pass).

**Corequisite:** NURS-504.

**Transfers to CSU only**

**NURS-506 Intermediate Medical-Surgical Nursing III**  
**6 Units (LBE 144-162, LEC 48-54)**

This course will synthesize and correlate nursing knowledge and skills in providing care to multiple patients who have complex, multi-system illnesses. Focus will be for the students to predict patient needs and priorities, along with evaluating outcomes on care through managing care of acute, unstable Medical Surgical patients across the lifespan. Associated psychomotor skills will be integrated and practiced.

**Prerequisite:** NURS-504 or NURS-510 (with a grade of C or better).

**Corequisite:** NURS-507

**Transfers to CSU only**

**NURS-507 Nursing Care of the Childbearing Family**  
**3.5 Units (LBE 72-81, LEC 32-36)**

This course will enable the student to obtain knowledge and skills necessary to provide safe, effective, culturally sensitive, physiological and psychosocial care using the nursing process and family centered approach for childbearing clients and their families. Clinical experiences emphasizes refinement of critical thinking, decision making, psychomotor skills and management of care for evidence based practice in the roles of professional nursing.

**Prerequisite:** Admission to the Associate Degree Nursing Program., NURS-504 (with a grade of C or better), and NURS-505 (with a grade of C or better).

**Corequisite:** NURS-506.

**Transfers to CSU only**

**NURS-508 Advanced Medical-Surgical Nursing IV**  
**6.5 Units (LBE 168-189, LEC 48-54)**

This course focuses on advanced application of the nursing process in the care of critically ill adult and geriatric patients. The student will organize and discriminate data to establish priorities of care. Correlated clinical experiences emphasize refinement of clinical decision making, psychomotor skills and management of patient care in professional nursing practice. In addition, this course provides the senior nursing student the opportunity to integrate and apply previously learned skills/knowledge in the role of graduate nurse and prepare for professional responsibilities in employment. The student will participate as a pre-licensed preceptee member of the healthcare team and assume responsibility for a group of clients under the direct supervision of a qualified registered nurse and the assigned nursing instructor.

**Prerequisite:** NURS-506 (with a grade of C or better), and NURS-507 (with a grade of C or better).

**Corequisite:** NURS-509.

**Transfers to CSU only**

**NURS-509 Nursing Care of Children & Families**  
**3.5 Units (LBE 72-81, LEC 32-36)**

The focus of this course is on integration and application of the nursing process as it applies to the nursing care of children and their families. Emphasis is placed on concepts related to age-specific family centered care. Common disease processes and those specific to pediatrics are discussed. Clinical experiences highlight the refinement of critical thinking, decision making, psychomotor skills and management of care using evidence-based practice in the role of the advanced-beginner level registered nurse.

**Prerequisite:** Admission to the Associate Degree Nursing Program., NURS-506 (with a grade of C or better), and NURS-507 (with a grade of C or better).

**Corequisite:** NURS-508.

**Transfers to CSU only**

**NURS-510 Role Transition**  
**3 Units (LBE 48-54, LEC 32-36)**

This course facilitates the transition of advanced placement students (Licensed Vocational Nursing) into the associate degree nursing program. It provides an introduction to becoming a provider of care and member of the discipline as roles of the R.N. The course provides an introduction to the nursing process and critical thinking as a process to learn and improve nursing practice.

**Prerequisite:** Admission to the Associate Degree Nursing Program as a Licensed Vocational Nurse or Advanced Placement Student.

**Prerequisite/Corequisite:** NURS-505 (with a grade of C or better).

**Corequisite:** NURS-572.

**Transfers to CSU only**

**NURS-571 Foundations of Nursing Skills Lab**  
**0.5 Units (LAB 24-27)**

This course introduces students to the foundation of nursing psychomotor skills and simulation of a patient care environment. Basic safety and the nursing process are introduced.

**Prerequisite:** Admission to the Associate Degree Nursing Program.

**Corequisite:** NURS-501, and NURS-502.

**Transfers to CSU only**

**Offered as Pass/No Pass Only**

**NURS-572 Medical Surgical Nursing Skills Lab**  
**0.5 Units (LAB 24-27)**

This course develops and builds on psychomotor nursing skill performance in a simulated patient care environment. Psychomotor nursing skills will be applied to simulated patients with non-critical, moderately complex disease processes and co-morbidities.

**Prerequisite:** Admission to the Associate Degree Nursing Program or Admission as Advanced Placement Student.

**Transfers to CSU only**

**Offered as Pass/No Pass Only**

**NURS-573 Intermediate Nursing Skills Lab**  
**0.5 Units (LAB 24-27)**

This course examines the second year nursing student's application of intermediate nursing skill performance in a simulated patient care environment. Psychomotor nursing skills and the nursing process will be applied to simulated patients with complex, multi-system disease process.

**Prerequisite:** NURS-572 (with a grade of C or better).

**Transfers to CSU only**

**Offered as Pass/No Pass Only**

**NURS-574 Advanced Nursing Skills Lab**  
**0.5 Units (LAB 24-27)**

This is focused on the application of the advanced psychomotor skills and the nursing process in the care of critically ill patients and geriatric patients.

**Prerequisite:** NURS-573 (with a grade of C or better).

**Transfers to CSU only**

**Offered as Pass/No Pass Only**

**NURS-584 Nursing Skills Lab - Certified Nursing Assistant (formerly NURS-084A)**  
**0.5 Units (LAB 24-27)**

This course provides the opportunity for students enrolled in skill-based certified nursing program to practice and master skills necessary for safe patient care. Materials used include practice medical supplies, equipment models, manikins, multimedia, computer-based instruction and clinical supervision. Offered as pass/no pass only. (formerly NURS 084A)

**Corequisite:** NURS-585.

**Transfers to CSU only**

**Offered as Pass/No Pass Only**

**NURS-585 Certified Nursing Assistant (formerly NURS-085)**  
**6 Units (LAB 96-108, LEC 64-72)**

This course provides training in fundamental nursing skills and theory. The course is designed to meet department of health curriculum requirements while preparing the student for the state examination in nurse assistant certification. The course includes both theory and clinical training. (formerly NURS 085)

**Corequisite:** NURS-584.

**Other Enrollment Criteria:** Admission to the class is pending successful completion of Department of Justice fingerprint clearance, current level C CPR card, proof of negative TB skin test and a physician certificate of adequate physical health for enrollment.

**Transfers to CSU only**

**NURS-586 Home Health Aide (formerly NURS-086)**  
**2 Units (LAB 24-27, LEC 24-27)**

Home Health Aides work in a variety of health care settings, but are found predominantly in the field of home care. The general topics of study include medical and psychosocial needs of clients, personal care services, and nutritional requirements in home settings. Clinical sites vary each semester. (formerly NURS 086)

**Prerequisite:** Must have a current CNA (certified nursing assistant) license.

**Other Enrollment Criteria:** State mandated health and security checks.

**Transfers to CSU only**