

## **NURSING AND NURSING RELATED COURSE DESCRIPTIONS**

### **NURS 101 – HEALTH ASSESSMENT & NURSING CARE I (2 CREDIT HOURS)**

This course introduces the technical nursing student to the history, characteristics, and legalities of the profession of nursing, the use of therapeutic communication, the fundamental principles of health assessment, the nursing techniques that focus on infection control, basic client safety, and select functional health patterns of Gordon's nursing framework, including the value-belief, health perception-health maintenance, and activity-exercise patterns. Prerequisites: Admission to the Associate Degree Nursing Program and concurrent enrollment or completion of BIOL 331 with at least a grade of C.

### **NURS 102– HEALTH ASSESSMENT & NURSING CARE II (2 CREDIT HOURS)**

This course is the second module that introduces the technical nursing students to the principles of health assessment and nursing fundamentals. Students will perform health assessments on the heart, lungs, thorax, abdomen, lower GI and vascular systems. Students will also explore the topics of nursing process, concept mapping, client management, pain management, diagnostic testing, and select functional patterns of Gordon's nursing framework including value-belief, activity-exercise, nutritional-metabolic, and elimination patterns. Prerequisite: NURS 101.

### **NURS 103-HEALTH ASSESSMENT & NURSING CARE III (2CREDIT HOURS)**

This is the third module that introduces the technical nursing student to the principles of health assessment and nursing fundamentals. Students will perform health assessments on the breast and reproductive and neurological systems. Students explore the topics of developmental theories, health concerns and risks across the lifespan, stress, complementary and alternative therapies, perioperative client management, a variety of diagnostic testing, nursing theories and research, and select functional health patterns of Gordon's nursing framework including the perception-self concept, sexuality-reproductive, nutritional-metabolic, coping-stress tolerance, cognitive-perceptual, and sleep-rest patterns. Prerequisite: NUR 102.

### **NURS 114-NURSING CARE OF THE ADULT IN HEALTH & ILLNESS I (3CREDIT HOURS)**

This course will cover the principles of medical-surgical nursing in the ambulatory and acute care setting. Students will review concepts of surgical nursing, and care of the client with basic integumentary, musculoskeletal, digestive, urinary, reproductive and infectious disorders. Health promotion and maintenance, risk reduction, and acute disease interventions will be studied. Prerequisite: BIOL 331, NURS 103. Co-requisite: BIOL 332.

### **NURS 115- NURSING CARE OF THE ADULT IN HEALTH & ILLNESS II (3 CREDIT HOURS)**

The principles of chronic health disorders and nursing in the acute care, rehabilitation, and palliative settings will be explored. Students will study concepts of chronic illness, immobility, chronic pain management, death and dying, and nursing care of the client with chronic musculoskeletal, ingestive, renal, elimination, hematologic and oncology

disorders. Health promotion and maintenance, risk reduction and chronic disease intervention strategies will be reviewed. Prerequisite: BIOL 331, NURS 103. Co-requisite: BIOL 332.

**NURS 116 – NURSING CARE IN MENTAL HEALTH & ILLNESS (3 CREDIT HOURS)**

In this course students will be introduced to the concepts of mental health. Students will explore the topics of psychobiology, mental health disorders, crisis and suicide interventions, treatment modalities, psychopharmacology, nursing process in mental illness, principles of therapeutic communication, and select functional patterns of Gordon's nursing framework including the self-perception/self-concept and coping-stress tolerance patterns. A variety of community health care resources will be used for clinical practice. Prerequisite: NURS 103 and BIOL 331. Co-requisite: BIOL 332.

**NURS 125 - PHARMACOLOGY FOR NURSING – 3 CREDIT HOURS**

This course covers the basic principles of pharmacology for nursing students. Consumer safety, methods of identifying drug names, and references will be identified in addition to emergency preparedness and bioterrorism review. Principles of drug processing, absorption, distribution, metabolism, and excretion will be discussed along with variables contributing to unexpected responses to drugs. Drug calculations, abbreviations and systems of measurement will be discussed along with responsibilities for principles of study for the healthcare worker. Administration of drugs by various routes of administration will be explored including oral, gastrointestinal, and parenteral routes. Prerequisites: Grade of B or better in Nursing 101, 102, 103.

**NURS 217-MATERNITY NURSING CARE IN HEALTH & ILLNESS (3 CREDIT HOURS)**

In this course, the student applies the principles of maternity nursing to the obstetrical client in the antepartum, intrapartum and postpartum health states. Additional course topics will include the care of the newborn infant, maternal and newborn health complications, concepts of women's health, health promotion and maintenance, and selected functional health patterns in Gordon's nursing framework. Prerequisite: Completion of all 100-level nursing courses, BIOL 331 & 332. Co-requisite: AH 210 & BIOL 303.

**NURS 218-PEDIATRIC NURSING CARE IN HEALTH & ILLNESS (3 CREDIT HOURS)**

The principles of pediatric nursing will be explored in this course. Content will include principles of growth and development, health assessment from infancy to adolescence, health promotion and maintenance, parenting, the special needs child, end-of-life care for the pediatric client, common childhood illnesses and select functional health patterns of Gordon's nursing framework including the health promotion-health maintenance, nutritional-metabolic, elimination, activity-exercise, cognitive-perceptual, role relationship, and value-belief patterns. Acute care and community health care settings

will be used for clinical experiences. Prerequisite: All 100-level nursing courses, BIOL 331 & 332. Co-requisite: AH 210 & BIOL 331 & 332.

**NURS 219 – NURSING CARE OF THE ADULT IN HEALTH & ILLNESS III (3 CREDIT HOURS)**

Principles of medical-surgical nursing in acute care, home health, and long-term care settings will be reviewed in this course. Students will focus on the concepts of adult and geriatric nursing, and the care of clients with sensory, neurologic, endocrine, pancreatic, biliary, hepatic, vascular and immune disorders. This course will incorporate health promotion and maintenance, risk reduction, and disease intervention strategies for the client requiring increasing complexity in nursing care. Prerequisite: BIOL 332 and all 100-level nursing course. Co-requisite: AH 210, BIOL 303 & 340.

**NURS 221-NURSING CARE OF THE ADULT IN HEALTH AND ILLNESS IV (4 CREDIT HOURS)**

This course will cover the nursing principles of the high acuity client in acute care, critical care and emergency settings. Students will review the concepts of critical care and emergency nursing, shock, trauma, transplantation and organ donation, disaster management, and the care of clients with advanced disorders involving the respiratory, cardiac, integumentary, renal, hematologic, and systems. Health promotion and maintenance, risk reduction and disease intervention strategies will be incorporated. Prerequisite: BIOL 303 & 340, NUR 219.

**NURS 222-MANAGEMENT OF NURSING CARE (4 CREDIT HOURS)**

This course will explore the principles of nursing management and leadership. Students will review the topics of effective communication, conflict management, delegation and supervision, nursing care delivery models, Quality Improvement research, healthcare economic issues and fiscal responsibility, legal and ethical issues, client and workplace advocacy, emergency preparedness, informational computer-based technology, and the use of nursing research to guide practice. Evidence-based clinical nursing practice will allow for the application of these principles in a variety of acute and community health care settings during the course. Prerequisite: NURS 221.

**NURS 223-PRECEPTORSHIP IN NURSING PRACTICE (4 CREDIT HOURS)**

Students will be provided the opportunity to perform in the role of the registered nurse under the supervision of a RN (BSN-educated) preceptor and nursing faculty. Students will be able to synthesize scientific concepts to enhance client care, apply critical thinking to form competent clinical judgments, perform and manage evidence-based nursing care, effectively communicate and collaborate with health care team members, utilize discipline-specific technology, demonstrate professional accountability, and participate in professional development activities. Prerequisite: NURS 221.

**NURS 224-PROFESSIONAL NURSING SEMINAR (1 CREDIT HOUR)**

This capstone course in the nursing program will focus on current issues in health care and the nursing profession and is designed to facilitate the transition from student to professional nurse. Topics of discussion will include economic issues and health care

financing, health care policy and politics, ethical and bioethical issue, career development and preparation for the NCLEX-RN examination. Students will submit a general education portfolio for evaluation. Students must achieve a designated score on the RN Assessment by ERI in order to graduate.

Prerequisite: Final spring semester enrollment prior to graduation.

**CHM 105 - INTRODUCTION TO CHEMISTRY FOR ALLIED HEALTH – 1 CREDIT HOUR**

This course is intended for non-chemistry majors, particularly for those students in Allied Health-related fields. Basic principles of general and organic chemistry will be discussed including (but not limited to) the following: atomic and molecular structure, chemical bonding, solutions, acids and bases, classes of organic compounds and their reactions. Particular emphasis will be placed on the chemistry of the human body and its relationship to health and disease. Prerequisites: Eligible for ENG 101 and MAT 110/140. Restricted to students currently enrolled within an Allied Health program or by permission of the Allied Health Dean.

**MAT 105 - MATHEMATICS FOR HEALTHCARE – 3 CREDIT HOURS**

This course is designed to teach healthcare students the mathematics needed to calculate drug dosages correctly and confidently. Topics will include: a thorough review of ratio and proportion, fractions, decimals, and percent; and calculating safe drug dosages and intravenous fluid administration. Prerequisites: ACT of 19 or higher, C or better in MAT 012; admission to the Nursing or Paramedic Program.