

# NUR 112 Health Illness Concepts

## COURSE DESCRIPTION:

Prerequisites: NUR 111, ACA 122 (or waiver), ENG 111, PSY 150, BIO 168

Must be enrolled in Associate Degree Nursing Program

Corequisites: None

This course introduces the concepts within the three domains of the individual, healthcare, and nursing. Emphasis is placed on the concepts within each domain including medication administration, assessment, nutrition, ethics, interdisciplinary teams, informatics, evidence-based practice, individual-centered care, and quality improvement. *Upon completion, students should be able to provide safe nursing care incorporating the concepts identified in this course.*

Course Hours per Week: Class, 3. Clinical, 6.

Semester Hours Credit, 5.

Placement in the curriculum: Second Semester

## LEARNING OUTCOMES:

Upon completing requirements for this course, the student will be able to:

1. Further develop knowledge of concepts within the domain of the individual.
2. Upon completion of the course, the learner will be able to provide safe, culturally competent, therapeutic nursing care to individuals.
3. Safely and ethically execute the management of therapeutic nursing care within the healthcare system for individuals.

## OUTLINE OF INSTRUCTION:

- I. Concepts Related to the Individual
  - A. Fluid and Electrolyte Balance
    - i. F/E Imbalance
    - ii. IV fluids/medications
    - iii. Hypovolemia
    - iv. Hypervolemia
    - v. Blood Transfusions
    - vi. CVAD
  - B. Acid Base
    - i. Acid-Base
    - ii. Respiratory & metabolic alkalosis
    - iii. Respiratory & metabolic acidosis
    - iv. Therapeutic Communication
    - v. Care Coordination
    - vi. Patient Educator
  - C. Metabolism
    - i. Diabetes
    - ii. Obesity
    - iii. DKA/HHNS

- iv. Therapeutic Communication
  - v. Care Coordination
  - vi. Patient Educator
  - D. Cellular Regulation
    - i. Cancer
    - ii. Anemia
    - iii. Therapeutic Communication
    - iv. Care Coordination
    - v. Patient Educator
  - E. Oxygenation
    - i. COPD
    - ii. Asthma
    - iii. RSV
    - iv. Trach care (suctioning)
    - v. Chest tubes
    - vi. Therapeutic Communication
    - vii. Care Coordination
    - viii. Patient Educator
  - F. Inflammation
    - i. Appendicitis
    - ii. Therapeutic Communication
    - iii. Care Coordination
    - iv. Patient Educator
  - G. Infection
    - i. Pneumonia
    - ii. Influenza
    - iii. Therapeutic Communication
    - iv. Care Coordination
    - v. Patient Educator
  - H. Stress & Coping
    - i. Phobias
    - ii. Panic Disorder
    - iii. Generalized Anxiety Disorder
    - iv. Crisis (maturational, situational)
    - v. Therapeutic Communication
    - vi. Care Coordination
    - vii. Patient Educator
  - I. Health, Wellness, Illness
    - i. Focus on individual, family, & community health, wellness, & illness
    - ii. Alternative therapies
    - iii. Priority/Delegation
- II. Concepts Related to Nursing
- A. Communication
    - i. Therapeutic communication

- B. Caring Interventions
  - i. Blood Transfusion
  - ii. Trach care (suctioning)
  - iii. Central Venous Access Device (CVAD)
  - iv. Chest tubes
  - v. Intravenous (IV) insertions
- C. Managing Care
  - i. Prioritizing Individual Care
  - ii. Care Coordination
- D. Teaching & Learning
  - i. Patient Educator

### III. Concepts Related to Health Care

- A. Safety
  - i. National Patient Safety Goals

#### **REQUIRED TEXTBOOK AND MATERIAL:**

The textbook and other instructional material will be determined by the instructor.