DATE SUBMITTED 11/04/09  CATALOG NO. RNUR 126
DATE DICC APPROVED 4/27/10  DATE LAST REVIEWED

COURSE INFORMATION FORM

DISCIPLINE Professional Nursing
COURSE TITLE Fundamentals of Professional Nursing
CR.HR 6.0  LECT HR. 4.0  LAB HR.  CLIN/INTERN HR. 6.0  CLOCK HR.

CATALOG DESCRIPTION

This course is taken in the first semester of the associate degree nursing program. The student will acquire knowledge fundamental to the development of basic skills and attitudes essential for the practice of nursing. The principles of physical, biological, behavioral sciences and nursing theory serve as the foundation. This first clinical laboratory course is designed to introduce the student to the role of the professional nurse in meeting basic needs common to all clients. Students are prepared to establish the nurse-client relationship through communication skills. Planned clinical experience is designed to allow the student to utilize the nursing process to deliver safe, individualized nursing care according to legal/ethical guidelines.

PREREQUISITES

Admission to the Associate Degree Nursing Program
PSYC 243 Human Lifespan Development (may be taken concurrently)

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)

Upon completion of this course, the student will be able to:

1. Develop a plan of care congruent with the client’s developmental stage/task and cultural ethnic background.
2. Utilize safety principles and universal precautions in delivery of client care.
3. Employ professional behaviors.
4. Use the nursing process to assist adult clients in meeting basic human needs.
5. Explain the scientific rationale for altered health status.
6. Administer medications according to the six rights.
7. Communicate effectively with clients, health care team members, and instructors.
8. Apply legal and ethical guidelines in professional relationships and activities.
GENERAL EDUCATION OUTCOMES (ESO)
Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

Outcomes (ESO)

1. Communication
   A. Listening and speaking skills
      6. Demonstrate basic communication delivery skills, both vocally and nonverbally. (7)

2. Critical Thinking
   A. Sort and classify information
      4. Distinguish the relevant from the irrelevant and integrate key relationships (1)
   B. Define, analyze, and evaluate information, materials and data
      1. Objectively consider new information from diverse sources and perspectives. (4)

3. Life-long Learning
   C. Attributes of an awareness of the convergence of knowledge
      2. Apply learned skills to real world interactions. (2,3)

PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

Upon completion of all Level I courses in the Associate Degree Nursing Program, the student will:

1. Recognize the significance of principles of growth and development in providing age-appropriate nursing care.
2. Respect cultural and ethnic differences when planning care.
3. Provide basic client care organized according to Maslow’s hierarchy of needs throughout the health-illness continuum.
4. Identify the impact of the environment in providing care throughout the wellness-illness continuum.
5. Describe the role of the Associate Degree Nurse in the health care delivery system.
6. Utilize the nursing process as a framework for data collection, assessment, diagnosis, planning, implementation and evaluation in providing client care.
7. Utilize basic concepts of scientific knowledge to provide rationale for nursing actions.
8. Utilize verbal and written skills to communicate pertinent information.
9. Discuss legal/ethical guidelines in the provision of basic nursing care.

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes will be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Written examinations (1-8)
2. Assigned written work per guidelines (1-8)
3. Clinical performance evaluation. (3)
4. Nursing Care Plans/Concept Maps (6,7,8)

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Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. Medical Asepsis
   A. Types of transmission of disease
   B. The inflammatory response
   C. Components of the infection cycle

II. Vital Signs
    A. Principles of taking vital signs
    B. Temperature
    C. Pulse
    D. Respirations
    E. Blood Pressure

III. Hygiene/Intake and Output
    A. Factors affecting personal hygiene
    B. Types of Hygienic Care

IV. Nursing Process
    A. Purpose of using Nursing Process
    B. Assessment
    C. Nursing Diagnosis
    D. Planning
    E. Implementation
    F. Evaluation

V. Documenting and Reporting
    A. General Guidelines
    B. Purposes of Charting
    C. Legal problems in charting
    D. Six types of charting formats

VI. Safety
    A. Risks for injury
    B. Assessment of safety
    C. Surgical Asepsis

VII Medication Administration
    A. Uses and sources of drugs
    B. Chemical, generic and trade names
    C. Pharmacokinetics
    D. Pharmacodynamics
    E. Routes of administration
    F. Documentation of Medication administration
    G. Calculation of medication dosages
H. Six Rights to administering medications

VIII Perioperative Nursing and Wound care
A. Three phases of perioperative nursing care
B. Types of wounds
C. Factors influencing wound healing
D. Wound complications
E. Types of wound dressing
F. Wound assessment

IX. Activity/Rest & Sleep/Comfort
A. Activity & Rest
   1. Types of exercise
   2. Role of exercise in preventing illness
   3. Assessment of activity
B. Sleep
   1. Stages of sleep
   2. Factors affecting sleep
   3. Sleep disorders
   4. Promoting sleep
C. Pain/Comfort
   1. Types of pain
   2. Factors affecting pain
   3. Measures used to relieve pain

X. Nutrition
A. Terms related to nutrition
B. Factors affecting nutrition
C. Six nutrients needed by the body
D. Guidelines for maintaining adequate nutrition
E. Enteral nutrition
F. Parenteral nutrition
G. Procedures to support nutritional needs

XI Bowel Elimination
A. Process of defecation
B. Factors affecting bowel elimination
C. Assessing bowel elimination
D. Diagnostic studies for bowel elimination

XII Urinary Elimination
A. Factors affecting urinary elimination
B. Alteration in urinary elimination
C. Urine assessment
D. Types of urine specimens
E. Diagnostics tests for urine
F. Assisting the client in voiding
G. Types of urinary catheters
H. Insertion of an indwelling catheter
I. Care of removal of catheters

XIII. Fluid/Electrolytes & Acid-Base Balance
A. Compartments of body fluid
B. Electrolytes
C. Four methods of movement of electrolytes
D. Acid-Base balance
E. Buffer systems and how they work
F. Disturbances of water and electrolytes
G. Assessment of acid-base disturbances

XIII. Oxygenation
A. Physiology of the respiratory system
B. Factors affecting the respiratory system
C. Physical assessment of the respiratory system
D. Diagnostic tests used to measure respiratory function
E. Nursing actions to promote respiratory function