

J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: NSG 106

Credits: 2

Course Title: Competencies for Nursing Practice

Course Description:

Focuses on the application of concepts through clinical skill development. Emphasizes the use of clinical judgment in skill acquisition. Includes principles of safety, evidence-based practice, informatics and math computational skills. Prepares students to demonstrate competency in specific skills and drug dosage calculation including the integration of skills in the care of clients in simulated settings. Provides supervised learning experiences in college nursing laboratories, clinical/community settings, and/or simulated environments. Prerequisites: BIO 141 or BIO 231 or NAS 161; ENG 111, PSY 230, SDV 100, MTE 1-5, CPR -- American Heart Association Basic Life Support for Health Care Providers, acceptance to the Nursing AAS program, and evidence of completion of Nursing AAS program required documents. Co-requisites: BIO 142 or BIO 232 or NAS 162; NSG 100, NSG 130, and NSG 200. Lecture 1 hour. Laboratory 3 hours. Total 4 hours per week.

General Course Purpose:

The purpose of this course is to teach novice students the basic nursing skills needed to care for clients in the clinical setting.

Course Prerequisites and Co-requisites:

Prerequisites: BIO 141 or BIO 231 or NAS 161; ENG 111, PSY 230, SDV 100, MTE 1-5, CPR – American Heart Association Basic Life Support for Health Care Providers, acceptance to the Nursing AAS program, and evidence of completion of Nursing AAS program required documents

Co-requisites: BIO 142 or BIO 232 or NAS 162; NSG 100, NSG 130, and NSG 200

Course Objectives:

Upon completing the course, the novice learner will be able to

1. Demonstrate the use of therapeutic communication, caring behaviors and client self-determination in the implementation of clinical skills in the lab setting.
2. Report patient safety issues and risks related to skill completion in a laboratory setting.
3. Summarize the components of clinical reasoning, evidence-based practice and the nursing process in the implementation of clinical skills.
4. Demonstrate professionalism and professional behaviors
5. Compute drug dosage calculations with 90% accuracy.
6. Perform required skills safely and accurately.

Major Topics to Be Included:

1. **Safety**
Fall precautions
Restraints
2. **Drug Dosage Calculations** Conversions
Oral and parenteral dosage calculations

- 3. Infection**
 - Hand hygiene
 - Personal protective equipment
 - Sterile gloving and sterile fields
- 4. Mobility**
 - Proper body mechanics
 - Patient transfers
 - Patient positioning
 - Use of assistive mobility devices
- 5. Functional Ability**
 - Hygiene care
- 6. Tissue Integrity**
 - Wound care
 - Removal of sutures and staples
 - Heat and cold application
- 7. Urinary Elimination**
 - Insertion and maintenance of urinary catheter
 - Intake and output (I & O)
 - Specimen collection
- 8. Bowel Elimination**
 - Enemas
 - Rectal tubes
 - Colostomy appliances
 - Specimen collection
- 9. Gas Exchange**
 - Coughing and deep breathing
 - Oxygen delivery equipment
 - Suctioning: oral, tracheal, naso-tracheal
- 10. Nutrition**
 - Aspiration precautions
 - Nasogastric tube insertion
 - Enteral feedings
- 11. Pharmacology Principles**
 - Administration of oral, topical, and parenteral medications
 - Needle safety

Effective Date of Course Content Summary: Fall 2017