NVCC COLLEGE-WIDE COURSE CONTENT SUMMARY  
NUR 222 – SECOND LEVEL NURSING PRINCIPLES AND CONCEPTS II (9 CR.)

Course Description

Focuses on nursing care of individuals, families, and/or groups with multidimensional needs in a variety of settings. Uses all components of the nursing process with increasing degrees of skill. Includes math computation skills, basic computer instruction related to the delivery of nursing care and nursing care related to cardiac, respiratory, neurological disorders; emergency care, and leadership principles. Provides supervised learning experiences in college nursing laboratories and/or cooperating agencies. Lecture: 4 hours, Laboratory: 15 hours. Total: 19 hours/week (9 Credits)

Course Purpose

This course is taken in the fourth semester of the nursing program and focuses on medical-surgical nursing content under the framework of universal needs with the focus on physiologic integrity. This course prepares students to apply the nursing process to the care of clients with the conditions under study.

Course Pre-requisites/Co-requisites

Pre-requisites: ENG 111, NAS 161, NAS 162, SDV Elective, HLT 141, NUR 111 or NUR 115, NUR 150, PSY 201-202, HLT 250, NUR 180, NUR 201, NUR 221

Co-requisites: NUR 255, NUR 254, CST Elective, Humanities Elective

Course Objectives

Upon completing the course, the student will be able to:

1. Utilize the nursing process, critical thinking strategies and Maslow’s Hierarchy of Needs to manage nursing care of the medical-surgical pediatric and adult client for the disorders under study.

2. Analyze etiology, pathophysiology, diagnostic tests, and treatment of respiratory, neurological, peripheral-vascular and cardiovascular disorders.

3. Analyze the basics of triage and emergency nursing care, and the role of the nurse in rehabilitation and major trauma settings.

4. Apply culturally competent nursing care for the medical-surgical pediatric and adult client and family.
5. Communicate effectively with culturally diverse medical-surgical pediatric and adult clients and families.

6. Utilize the teaching/learning process in providing safe and effective nursing care for the medical-surgical pediatric and adult client and family.

7. Utilize quantitative reasoning and accepted standards for safe administration of medication and parenteral therapies for the medical-surgical pediatric and adult client.

8. Manage pharmacological and nutritional therapies for the pediatric and adult medical-surgical client with the disorders under study.

9. Incorporate knowledge of expected growth and development principles; prevention and/or early detection of health problems; and develop strategies to achieve optimal health when managing care of the pediatric and adult medical-surgical client.

10. Provide nursing care that promotes and supports the emotional, mental, spiritual and social well-being of the pediatric and adult medical-surgical client and family.

11. Use information technology to communicate, manage knowledge, mitigate error, and support decision making in medical-surgical care settings.

12. Integrate evidence based practice with clinical decision making/critical thinking and patient/family preferences and values for delivery of optimal health care in the medical-surgical care setting.

13. Provides nursing care for the pediatric and adult medical-surgical client in a manner consistent with accepted legal and ethical principles for registered nurses.

**Major Topics to be included**

1. Respiratory disorders of children and adults
2. Acid-Base balance and ABG interpretation
3. Congenital and acquired cardiac disorders
4. Peripheral vascular disorders
5. Neurologic disorders of adults and children
6. Basic Emergency Nursing and Burn care