

COMMON COURSE OUTLINE

Course Number: NURN 220

Nursing Care of the Adult Client II

5 Semester Hours

The Community College of Baltimore County

Course Credits: 5 Credits **Class:** 3 credit hours of Class 2 days per week/ or 6 hours of theory per week; **Clinical:** 2 credit hours of Clinical 2 days per week: 7 Hours each
Lab: 6 hours and 55 minutes dispersed on class days through the course or at the beginning of the quarter

Course Description:

Nursing Care of the Adult Client II

Gives the second of 3 courses; prepares the nursing student to function as an effective practitioner in the care of the adult client. Emphasizes the collaborative care and management of clients with selected cardiovascular, gastro-intestinal and musculo-skeletal conditions. Provides clinical experiences that enable students to apply theory and perform skills under the supervision of nursing faculty in acute and critical care settings; introduces surgical nursing through selective experiences in ambulatory and in-patient operative settings.

Prerequisites: NURN 210, NURN 212, NURN 214. 5 credits: 3 credit hours of theory x 7 weeks (6/wk), 2 credit hours of clinical (90 hours)

Overall Course Objectives:

Upon successful completion of this course the student will:

1. Analyze internal and external resources, risk factors and stressors to determine their impact on the adult medical-surgical client=s constantly changing state of physiological and psychological well being. (Health Continuum- Arm)
2. Collaborate with client=s families and members of the health care team to deliver client focused care to a small group of adult medical-surgical clients. (Health Care Systems-Arm)
3. Utilize the nursing process in acute care settings to plan, implement, and evaluate care provided to adult clients. (Nursing Process -Arm)
4. Adhere to the American Nurses Association Code of Conduct while interacting with clients, families and members of the health care team. (Professionalism-Arm)
5. Apply client data to theory for creating a workable nursing care plan for small groups of clients. (Critical Thinking-Arm)
6. Demonstrate the ability to communicate thoughts, ideas, and information to promote effective care giving through written and verbal methods. (Communication-Thread)

7. Demonstrate ethical and legal codes of the nursing profession during the administration of care to clients and their families. (Ethical/Legal- Thread)
8. Begins collaboration with members of the health care team to provide care that supports the achievement of optimal levels of physical, mental, and social performance. (Health Promotion, Maintenance, and Restoration- Thread)
9. Begin to analyze a client=s and their families multi-dimensional needs and stressors in order to implement a developmentally appropriate plan of care. (Human Needs, Life Cycle, Stress and Stressors- Thread)
10. Organize the care of a small group of clients by managing available resources. (Management- Delegation- Thread)
11. Demonstrate independent performance of many commonly utilized nursing skills. (Skills- Thread)
12. Collaborate with clients, families, and other members of the health care team to provide care, which respects socio-economic status, cultural heritage and the right to self-expression. (Socio-Economic-Cultural Factors- Thread)
13. Utilize technology to promote the effectiveness and efficiency of nursing care for small groups of clients. (Technology- Thread)
14. Implement a teaching plan that enables the adult client to achieve predetermined outcomes. (Teaching-Learning- Thread)
15. Examine how changes in health care can impact on nursing practice. (Trends- Thread)

Major Topics of Study in NURC 220

- I. Health problems associated with gastro-intestinal problems
 1. Specific GI and Nutritional Assessment
 2. Laboratory and Diagnostic Studies
 3. Common GI Surgical Principles and Procedures
 4. Conditions which Affect the Middle GI System
 1. Peptic Ulcer Disease
 2. Gastroesophageal reflux disorder
 3. GI Bleed
 4. Irritable Bowel Disease
 - a. Crohn=s Disease
 1. Ulcerative Colitis
 5. Intestinal Obstruction
 6. Peritonitis
 7. Diverticulitis
 5. Conditions Affecting the Pancreatic and Hepatobiliary Systems
 1. Pancreatitis

2. Cholecystitis and Cholelithiasis
3. Hepatitis
4. Cirrhosis

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- F. GI hematological Problems: Pernicious Anemia
- G. Drug Therapy for GI Problems
 1. H2 Blockers
 2. Hypokinetics
 3. Proton Pump Inhibitors
 4. Anacids
 5. Anti-inflammatories
 6. Drugs utilized to dissolve gall stones
- II Health Problems Associated with Mobility
 1. Musculo-Skeletal Assessment
 2. Common Laboratory and Diagnostic Studies
 3. Musculo-skeletal changes associated with aging
 4. Surgical Intervention for problems of the Musculo-skeletal problems
 1. Joint Replacement
 2. Amputations
 - E. Traumatic Injuries
 1. Sprains
 2. Strains
 3. Dislocation
 4. Fractures
 - F. Inflammatory Conditions of the Musculo-Skeletal System
 1. Gout
 2. Rheumatoid Arthritis
 3. Connective Tissue Disorders: Lupus
 4. Lyme=s Disease
 7. Degenerative disorders: Osteoarthritis
 - H. Rehabilitation of the client with Musculo-Skeletal System
 1. Drug Therapeutics
 1. NSAIDS
 2. Corticosteroids
 3. Immunosuppressive Therapy
 4. Disease-Modifying Drugs
 5. Antimalarial Drugs
 6. Pain Management
 2. Casting
 3. Traction
 4. Assistive Devices
 1. Crutch walking
 2. Canes

3. Walkers
5. Physical Therapy

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III Health Problems Associated with Cardiovascular Problems

1. Assessment of cardiovascular function
 1. Physical assessment
 2. Diagnostic testing
 3. Hemodynamic monitoring
2. Cardiac monitoring
 1. EKG waveform
 2. Rate Calculation
 3. EKG rhythm analysis
 1. Normal sinus rhythm
 2. Sinus bradycardia/ tachycardia
 3. Atrial fibrillation and flutter
 4. Premature atrial contractions,
 5. Supraventricular tachycardia
 6. Premature ventricular contractions
 7. Ventricular tachycardia
 8. Ventricular fibrillation, Asystole
 9. Emergency Cardiac drugs
 10. Antiarrhythmic drugs
3. Cardioversion, defibrillation, implantable defibrillator
4. Cardiac pacemaker therapy
5. Coronary artery disease/ Myocardial infarction
6. Hypertension
7. Heart failure
8. Disorders of peripheral arteries
 1. Acute peripheral vascular occlusion
 2. Chronic peripheral vascular disease
1. Disorders of peripheral veins
 1. Deep vein thrombosis
 2. Varicose veins
10. Inflammatory disorders of the heart
 1. Pericarditis
 2. Endocarditis
11. Aneurysms
 1. Abdominal aortic aneurysm
 2. Thoracic aortic aneurysm
12. Shock
 1. Cardiogenic

2. Distributive: septic, anaphylactic, neurogenic
3. Hypovolemic

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13. Pharmacology
 1. Antiarrhythmics
 2. Anti-anginals
 3. Anti-lipidemics
 4. Cardiotonic and inotropic agents
 5. Diuretics
 6. Antihypertensives
 7. Anticoagulant (review)
 8. Analgesics (review)
 9. Antibiotics (review)
 10. Anti-Antiplatelets
 11. Anti-thrombolytics

Course Requirements:

Successful completion of NURN 220 requires meeting both the theoretical and the clinical components of the course. The course expectations include:

Theory Requirements/ Grading:

2. Three exams, the third of which will include a comprehensive component which total averaged score must be 72% or higher. No rounded scores will be accepted to achieve 72%. Scores on quizzes and written assignments will not be added to exam unless the 72% scores on exams have been achieved. If a student arrives late and an exam is in progress, the student will have only the remainder of the allotted time to complete the exam.
3. In class or take home quizzes. These scores will be added to the exam grade after the exam computation of 72% or higher has been achieved. There will be no make-up quizzes. A missed quiz will be counted as zero.
4. A formal writing assignment which demonstrates critical thinking, decision making, and technology will be completed. This score will be added to the exam grades after the exam computation of 72% or higher has been achieved.
5. The following percentile distribution for the theory component:

Cardiac exam:	30 %
Gastro-intestinal Exam:	20 %
Musculo-skeletal and Comprehensive Exam:	<u>30%</u>
	80 %

Written Assignments:	10 %
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Quizzes: 10%
100% of course grade

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Clinical Requirements/ Grading:

1. Satisfactory clinical performance as evidenced by successful achievement on the *NURN 220 Clinical Evaluation Tool*.
2. Satisfactory completion of clinical written assignments.
3. Completion and submission of Clinical Portfolio /Journal at designated dates.

Clinical Outcomes:

Upon successful completion of the course, the student will accomplish the following outcomes:

- Professionalism:** Demonstrate professional practice with, peers, staff, clients and or their families.(P, E/L)
- Assessment:** Perform physical assessment skills on small groups of clients. (NP, HC, S/S)
- Planning:** Design and evaluates plans of care for small groups of clients. (CT, NP, HCS)
- Implementation/ Skills:** Implement basic and intermediate skills independently.(NP, S, HN)
Utilize appropriate technology in the care of clients.(T, S)
- Communication:** Utilize various communication skills in caring for clients and their significant others.(C, CT, S/E/C)
Participant in multi-dimensional communication with staff to facilitate the continuing care of clients.(C, CT, HCS)
- Patient Teaching:** Implement an appropriate teaching plan for small groups of clients and their significant other. (T/L, CT, HP/M/R)
- Medications:** Administer and evaluate drug therapy for a small group of clients. (S, CT, NP, HN)
- Documentation:** Record pertinent client information for a small group of clients in a timely and succinct manner. (C, CT, HC)
- Organization/ Time Management:** Provide care for a small group of clients in a timely and organized fashion. (NP, CT, HN)
- Evaluation/Problem Solving:** Apply critical thinking to solving problems of clients. (CT, NP)
Recognize the need for design modifications on a plan of care. (NP, HN)

Management/ Organize care for a small group of clients. (S, CT, NP)

Delegation: Begin to delegate appropriate duties to appropriate personnel. (E/L, NP, CT)

Other Course Information

Students will be held **accountable** for following all policies listed in the Nursing Programs *Student Policy and Information Manual*. Additional policies related to NURN 220 include:

1. Students absent for their final exam must follow college policy located in the college catalog.
2. Students will receive an incomplete grade for failure to return hospital or college property.
3. Students will receive an incomplete grade until all written assignments are completed and submitted.
4. College Policy Summary of Classroom and Clinical Conduct:
 1. Student will arrive on time for class.
 2. Students will be considerate and respectful towards classmates and faculty.
 3. Students will deactivate pagers, radios, telephones and recorders during class unless their use is permitted by the instructor.
 4. Students caught cheating will be given a failing grade of zero on the exam or quiz and its content area with no opportunity to retake the exam.

This course is the second in the sequence of the medical-surgical nursing courses. Satisfactory completion with a C or better is required to progress to the next sequential course.

This course is taught using methods that include: lecture, individual and group learning projects, computerized and self-study environments.

Textbooks

Required Texts:

Ignatavicius, D. and Workman, L. and Mishler, M. (1999). Medical-surgical nursing across the health care continuum 3rd edition. W.B. Saunders Company: Philadelphia. Nurses, 6th

Deglin, J. & Vallerand, A. (1999). Davis's drug guide for Nurses, 6th ed. Philadelphia: F.A. Davis Company.

Fischbach, F. (2000). A manual of laboratory and diagnostic tests, 6th ed. Philadelphia: Lippincott.

Grodner, M., Anderson, S. & DeYoung, S. (2000). Foundations and clinical applications

of nutrition: a nurses approach, 2nd ed. St. Louis: Mosby Company.

Jarvis,. C. (2000). Pharmacology: a nursing process approach, 3rd ed. Philadelphia: W.B. Saunders Company.

Required NURN 220 CCBC Nursing Guides/Handouts/ Booklets for respective campuses sold in Bookstore.

Recommended Texts:

Heuther, S. & McCance K. (2000). Understanding pathophysiology, 2nd ed. St. Louis: Mosby