

**STATE UNIVERSITY OF NEW YORK  
COLLEGE OF TECHNOLOGY  
CANTON, NEW YORK**



**COURSE OUTLINE**

NURS 202 Medical-Surgical Nursing II

**Prepared By:** Brenda Worley and Mary Ann Caswell

**SCHOOL OF SCIENCE, HEALTH AND CRIMINAL JUSTICE  
Nursing Department  
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- A. **TITLE:** Medical-Surgical Nursing II
- B. **COURSE NUMBER:** NURS 202
- C. **CREDIT HOURS:** 10
- D. **WRITING INTENSIVE COURSE:** No
- E. **COURSE LENGTH:** 15 weeks
- F. **SEMESTER(S) OFFERED:** Spring
- G. **HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:** 6 hours class lecture, 2 hours practice lab, 10 hours clinical per week Note: 1 credit= 50 minutes of lecture or 180 minutes of clinical/practice lab per week
- H. **CATALOG DESCRIPTION:** This course focuses on application of nursing process to care of adult patients experiencing medical-surgical conditions along the health-illness continuum. Topics covered include those related to acute/complex cardiovascular, neurologic, hematologic, integumentary, immunologic, sensory, reproductive, emergency, and disaster events or disorders. Students will apply their learning to clients in medical-surgical clinical settings. Skills performed in the nursing laboratory on campus facilitate the transfer of knowledge from the classroom to the clinical setting.
- I. **PRE-REQUISITES/CO-COURSES:**

**PRE-REQUISITES**

- NURS 106: Maternal Child Nursing
- NURS 107: Mental Health Nursing
- NURS 201: Medical Surgical Nursing I
- BIOL 209: Microbiology
- PSYC 225: Human Development or PSYC 220: Child Development

**PRE-REQUISITES/CO-COURSES**

- NURS 204: Pharmacology IV

**J. GOALS (STUDENT LEARNING OUTCOMES):**

<b><u>Course Student Learning Objective (SLO)</u></b>	<b><u>Institutional SLO</u></b>
a. Demonstrate knowledge, skill, and attitudes needed to become a registered nurse.	Communication Critical Thinking Professional Competence Inter-Intrapersonal Skills
b. Analyze the role of information management principles, techniques, and client care technology to communicate, manage knowledge, mitigate error, and support decision-making on the medical/surgical unit.	Critical Thinking Professional Competence Inter-Intrapersonal Skills
c. Engage in case management, collaboration and teamwork with members of the professional team, the client, and the client's support persons when managing care of clients with acute or complex health issues.	Critical Thinking Professional Competence Inter-Intrapersonal Skills
d. Utilize the nursing process in integrating theory, evidence-based research, ethical and legal principles, standards of practice in prioritizing the delivery of nursing care to promote health and improve client outcomes.	Communication Critical Thinking Professional Competence Inter-Intrapersonal Skills

**K. TEXTS:**

- Ackley, B. J., & Ladwig, G. B. (2014). *Nursing diagnosis handbook: An evidence-based guide to planning care* (10th ed.). Maryland Heights, Mo: Elsevier.
- Ball, J. W., Bindler, R. C., & Cowen, K. J. (2012). *Pediatric nursing: Caring for children* (5<sup>th</sup> ed.). Upper Saddle River, NJ: Pearson Prentice Hall.
- HESI Package  
Nursing 202 Manual (purchased in bookstore)
- Pellico, L. H. (2012). *PrepU for Pellico's focus on adult health - Medical-surgical nursing*. Philadelphia: Lippincott, Williams & Wilkins.
- Pellico, L. H. (2012). *Focus on adult health -medical-surgical nursing*. Philadelphia: Lippincott, Williams & Wilkins.
- Taylor, C. R., Lillis, C., LeMone, P., & Lynn, P. (2010). *Taylor's video guide to clinical nursing skills student set on enhanced DVD* (2<sup>nd</sup> ed.). Philadelphia: Lippincott, Williams & Wilkins.
- Vallerand, A. H., and Sanoski, C. A. (2014). *Davis's drug guide for nurses*. (14th ed.). Philadelphia: F.A. Davis.
- Van Leeuwen, A.M., Poelhuis-Leth, D. J., and Bladh, M. L. (2014). *Davis's comprehensive handbook of laboratory and diagnostic tests with nursing implications*, (5th ed.). Philadelphia: F.A. Davis.

**L. REFERENCES:**

**M. FACILITIES AND EQUIPMENT:**

- Technology-enhanced classroom preferably with computer access for testing.
- Laboratory with manikins and appropriate medical supplies/equipment.
- Healthcare facilities
- Portable computer with internet access

**N. GRADING METHOD:** A-F

**O. MEASUREMENT CRITERIA/METHODS:**

- Exams
- HESI
- Clinical Competence
- Skill Competence

**P. DETAILED TOPICAL OUTLINE:**

- I. Alterations in Cardiovascular Function
  - A. Review of objectives
  - B. Review of circulatory A&P
  - C. Assessment of clients with disorders of perfusion
  - D. Management of clients with disorders related to myocardial perfusion.
  - E. Management of clients with a cardiac arrhythmia
  - F. Management of the client with congestive heart failure
  - G. Management of the client with a congenital heart defect
  - H. Management of the client with structural heart disorders and inflammatory cardiac disorders
- II. Alterations in Hematological Function
  - A. Review of objectives
  - B. Review of hemopoetic system A&P
  - C. Management of clients with disorders related to red blood cells
  - D. Management of clients with disorders related to white blood cells
  - E. Management of clients with disorders related to platelets
- III. Alterations in Sensory Function
  - A. Review of objectives
  - B. Review of visual, auditory, & integumentary A&P
  - C. Assessment of clients with integumentary disorders and burns
  - D. Management of clients with integumentary disorders and burns
  - E. Assessment of clients with visual and auditory disorders
  - F. Management of clients with visual and auditory disorders
- IV. Nursing Care in Specialized Settings
  - A. Review objectives
  - B. Management of Critical Care,
  - C. Management Shock & Shock States
  - D. Management Emergency, Terrorism, & Disaster nursing
- V. Alterations in Neurological Function
  - A. Review objectives

- B. Review neurological A&P
- C. Assessment of neurologic system
- D. Management of clients with acute intracranial problems
- E. Management of clients with stroke
- F. Management of clients with chronic neurologic problems
- G. Management of clients with Alzheimer's disease, Dementia, and Delirium
- H. Management of clients with peripheral nerve and spinal cord problems
- VI. Alterations in Reproductive Function
  - A. Review objectives
  - B. Review reproductive A&P
  - C. Assessment of clients with reproductive disorders
  - D. Management of clients with breast disorders
  - E. Management of clients with sexually transmitted diseases
  - F. Management of clients with female reproductive disorders
  - G. Management of clients with male reproductive disorders
- VII. Alterations in Immunological Function
  - A. Review of objectives
  - B. Review of immune system A&P
  - C. Management of clients with altered immune response
  - D. Management of clients with infection and human immunodeficiency
- XIII Alterations in Urinary Function
  - A. Review of objectives
  - B. Assessment of urinary system
  - C. Management of clients with renal and urologic problems
  - D. Management of clients with acute kidney injury and chronic kidney disease
- XIV. Alterations in Integumentary Function
  - A. Review of objectives
  - B. Assessment of integumentary system
  - C. Management of clients with integumentary problems

**A. LABORATORY OUTLINE:**

1. PVD assessment
2. Basics of cardiac rhythm interpretation
3. CAPD
4. Central venous lines
5. IV insertion
6. Advanced neurological assessment
7. Emergency (CODE)
8. Simulation case scenarios