

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



**COURSE OUTLINE**

NURS 201 – Medical-Surgical Nursing I

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**SCHOOL OF  
SCIENCE, HEALTH & CRIMINAL JUSTICE  
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- A. **TITLE:** Medical-Surgical Nursing I
- B. **COURSE NUMBER:** NURS 201
- C. **CREDIT HOURS:** 10
- D. **WRITING INTENSIVE COURSE:** No
- E. **COURSE LENGTH:** 15 weeks
- F. **SEMESTER(S) OFFERED:** Fall
- G. **HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:** 6 hours class lecture, 1 hour college lab, 2 hours practice lab, 9 hours clinical per week Note: 1 credit= 50 minutes of lecture or 180 minutes of clinical/practice lab per week.
- H. **CATALOG DESCRIPTION:** Course content focuses on application of the nursing process to care of pediatric and adult patients experiencing medical-surgical conditions along the health-illness continuum. Topics covered include those related to acute/complex respiratory, endocrinology, gastrointestinal, oncologic, musculoskeletal and fluid, electrolyte and acid-base disorders. Students 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-REQUISITES:**

**PREREQUISITES:**

- BIOL 217: Anatomy and Physiology I
- NURS 106: Maternal Child Nursing
- NURS 107: Mental Health Nursing

**PRE/CO-REQUISITES:**

- BIOL 218: Anatomy and Physiology II
- BIOL 209: Microbiology
- PSYC 225: Human Development or PSYC 220: Child Development
- NURS 200: Pharmacology III

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

By the end of this course, the student will be able to:

<b><i>Course Student Learning Objective (SLO)</i></b>	<b><i>Institutional SLO</i></b>
a. Utilize information technology in planning care that is evidence-based, culturally appropriate and client-centered for the medical-surgical client.	<ul style="list-style-type: none"><li>• Communication</li><li>• Critical Thinking</li><li>• Professional Competence</li><li>• Inter-Intrapersonal Skills</li></ul>
b. Integrate theory, research, teamwork, ethical principles and legal principles to promote health and plan nursing care for diverse	<ul style="list-style-type: none"><li>• Critical Thinking</li><li>• Professional Competence</li><li>• Interpersonal/Intrapersonal Skills</li></ul>
c. Demonstrate competent clinical reasoning and practice through the application of professional guidelines and standards of practice while caring for medical-surgical	<ul style="list-style-type: none"><li>• Communication</li><li>• Critical Thinking</li><li>• Professional Competence</li><li>• Interpersonal/Intrapersonal Skills</li></ul>
d. Identify the leadership role of the RN in relationship to the client, client's family, healthcare team and the wider community.	<ul style="list-style-type: none"><li>• Communication</li><li>• Critical Thinking</li><li>• Professional Competence</li><li>• Interpersonal/Intrapersonal Skills</li></ul>

**K. TEXTS:**

Ackley, B. J., & Ladwig, G. B. (2014). *Nursing diagnosis handbook: An evidence-based guide to planning care* (10<sup>th</sup> ed.). Maryland Heights, Mo: Elsevier.

Ball, J. W., Bindler, R.C. & Cowen, K.J. (2012) *Principles of pediatric nursing: Caring for children*. (5<sup>th</sup> ed.). Upper Saddle River, NJ: Pearson

HESI Package

Pellico, L.H. (2013). *Focus on Adult Health: Medical-Surgical Nursing*. Philadelphia, Pa:Lippincott, William, & Wilkins

Pellico. L. (2013). *Handbook for Focus on Adult Health: Medical Surgical Nursing*. Philadelphia, Pa: Lippincott, William, & Wilkins

Pellico. L. (2013). *Study Guide for Focus on Adult Health: Medical Surgical Nursing*. Philadelphia, Pa: Lippincott, William, & Wilkins

Perdham, B. & Bucholz, S. (2009). *Henke's med-math: Dosage calculation preparation and administration* (6<sup>th</sup> ed.). Philadelphia: Lippincott, Williams &Wilkins.

Taylor, C. R., Lillis, C., LeMone, P., & Lynn, P. (2011). *Fundamentals of nursing: The art and science of nursing care* (7<sup>th</sup> ed.). 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.

Nursing 201 Manual (purchased in bookstore)

**L. REFERENCES:** None

**M. EQUIPMENT:** Technology enhanced classroom, Portable computer with internet access

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

**O. MEASUREMENT CRITERIA/METHODS:**

- Exams
- Quizzes
- Case studies
- NCLEX questions

**P. DETAILED COURSE OUTLINE:**

- I. Alterations in Fluid, Electrolyte and Acid-Base Balance
  - A. Review of fluid, electrolyte and acid-base balance
  - B. Nursing care of the client with fluid, electrolyte and acid-base disorders
- II. Perioperative Nursing
  - A. Define surgical terminology, categories and types of surgery
  - B. Nursing care of the peri-operative client
- III. Oncology and Hospice Nursing
  - A. Hospice and Comfort Care
  - B. Nursing care of the terminally ill
- IV. Alterations in Respiratory Function
  - A. Review of respiratory anatomy and physiology
  - B. Physical assessment of the respiratory system
  - C. Nursing care of clients with respiratory disorders
- V. Alterations in Musculoskeletal Function
  - A. Review of anatomy and physiology of the musculoskeletal system
  - B. Physical assessment of the musculoskeletal system
  - C. Nursing care of the client with musculoskeletal disorders
- VI. Alterations in Gastrointestinal Function
  - A. Review of anatomy and physiology of the gastrointestinal and urinary systems
  - B. Assessment of the gastrointestinal and biliary systems
  - C. Care of clients with digestive disease
  - D. Care of clients with biliary system disorders

VII. Alterations in Endocrine function

- A. Review of anatomy and physiology of the endocrine system
- B. Physical assessment of the endocrine system
- C. Nursing care of the client with endocrine disorders

VIII. Caring for the Pediatric Client

**Q. LABORATORY OUTLINE:**

1. Oxygen therapy
2. Sterile suctioning
3. Tracheostomy care
4. Chest tubes
5. Enteral nutrition
6. NG tube insertion
7. Mobility devices: crutches, canes, continuous passive ROM machine
8. Bandaging
9. IV insertion
10. IV medications