



Course Outline

2026-2027 Catalog

NSG 77 - Complex Medical/Surgical Nursing IV

Catalog Description

Transfer Status: CSU

Prerequisite: NSG 61, NSG 67, NSG 68, NSG 69

Corequisite: NSG 74, NSG 78, NSG 79

Unit(s): 4.00

Lecture: 68.00 Contact hours/136.00 Out of class hours/204.00 Total hours/4.00 Unit(s)

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Course Description: This course covers the nursing care of adult clients with high risk, complex, and critical health care problems and adaptation to these problems. Students will study the nursing process related to the care of patients with multiple system disorders, unstable medical conditions, and critical health care disorders. This course is a continuation of topics addressed in NSG 67 and emphasizes pathophysiology, complex issues in nursing process and professional and advocacy nursing roles. Graded only.

Objectives

Upon successful completion of this course, the student should be able to:

1. Utilize the nursing assessment skills required to formulate nursing diagnoses in the care of clients with acute or chronic health care conditions in order to assist clients in maintaining health, restoration of wellness, and or promoting adaptation.
2. Evaluate the pathophysiology, medical and nursing diagnosis, and common treatments to include pharmacologic, non-pharmacologic, and nutritional aspects for patients across the lifespan with acute or chronic health care conditions.
3. Evaluate nursing interventions and nursing techniques used in the care of clients with acute and chronic health conditions.
4. Evaluate methods of primary, secondary, and tertiary prevention of acute or chronic health care conditions used to maintain and support health across the lifespan.
5. Evaluate criteria for evaluating the effectiveness of selected nursing therapeutic interventions and recognize data indicating a need to modify a client's care plan.
6. Analyze factors such as genetics, developmental level, psychosocial, socioeconomic, sexuality, nutrition, and culture that affect client and familial support system's adaptation to acute, chronic, and terminal illness.
7. Prioritize nursing care based on assessment data and nursing diagnosis for clients with acute and chronic health care conditions.
8. Explain the professional role of the nurse in the care of clients with acute and chronic health care conditions as it relates to collaboration within health care teams, interprofessional communication skills, legal and ethical parameters, and client advocacy.
9. Develop formal and informal teaching methods for clients, familial support systems, health care teams, and communities in order to optimize care for clients with acute or chronic health care problems.
10. Analyze community resources available to assist clients and familial support systems in managing acute or chronic health care problems prior to and after discharge from a health care system.

Course Content

Topic Titles / Suggested Time Topic	
<u>Lecture</u>	
<u>Topics</u>	<u>Lec Hrs</u>
Hemodynamic Monitoring	4.00
Renal System	14.00
Hematology/Immune System	8.00
Endocrine Disorders	14.00
Shock	10.00
Fluid and Electrolytes	4.00
Neurology	14.00
Total Hours: 68.00	

Methods of Instruction

- A. Discussion
- B. Homework: Students are required to complete two hours of outside-of-class homework for each hour of lecture
- C. Lecture
- D. Multimedia Presentations
- E. Assigned Reading

Methods of Evaluation

A. Papers/Reports, Examinations/Quizzes, Homework Assignments

Examples of Assignments

Reading Assignments

1. Read the chapter on Assessment of Neurological Function, and Management of Patients with Neurological Dysfunction in your medical-surgical textbook, and be prepared to discuss main topics in class.
2. Read the chapter on the Management of Patients with Endocrine Disorders in your medical-surgical textbook. Be prepared to categorize these disorders in small group work in class.

Writing Assignments

1. Complete and submit renal case study as assigned, and relate it to a patient you have cared for.
2. Complete and submit assigned neurological case study, and relate it to a patient you have cared for.

Out-of-Class Assignments

1. Complete assigned Kaplan practice tests and on-line remediation. Be prepared to discuss remediation items in class.
2. Complete learning management system quiz "Hemodynamic Monitoring." Submit answers and post one entry on discussion board.

Recommended Materials of Instruction

Lewis, S., Heitkemper, M. & Dirksen, S., O'Brien, P. & Bucher, L. (2018). Medical Surgical Nursing-Assessment and Management of Clinical Problems. *St Louis: Elsevier, 10th*.

Doenges, M., Moorhouse, M., & Murr, A. (2016). Nurses Pocket Guide, Diagnosis, Prioritization, Interventions and Rationales. *Philadelphia: F. A. Davis, 14th*.

Thomas, C. (Ed.). (2017). Taber's Cyclopedic Medical Dictionary. *Philadelphia: F. A. Davis, 23rd*.

Jarvis, C. (2018). Pocket Companion for Physical Examination and Health Examination. *St Louis: Elsevier, 8th*.

Minimum Qualifications

Nursing (Masters Required)

Created/Revised by: Craig, Susan

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