



South Central College

NURS 2530 Semester 4 Med-Surg Acute

Common Course Outline

Course Information

Description	This course synthesizes knowledge from previous semesters to provide care for hospitalized patients with complex medical-surgical needs. (Prerequisites: Successfully complete all Semester 3 Courses in order to advance to Semester 4 Courses)
Total Credits	4
Total Hours	64

Types of Instruction

Instruction Type	Credits/Hours
Lecture	4/64

Pre/Corequisites

Prerequisite	Successfully complete all Semester 3 Courses in order to advance to Semester 4 Courses
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Course Competencies

1. Differentiate critical and complex problems of the neurological system.

Learning Objectives

Distinguish assessments and developmentally appropriate care related to problems of neurological function. Describe the clinical manifestations of common pharmacological agents used to treat complex neurological conditions.

Distinguish potential/actual complications for patients who have selected critical and complex disorders of neurological function and intracranial regulation.

Select collaborative clinical management strategies including best practices related to diseases of neurological function.

2. Differentiate critical and complex problems for cardiac output and perfusion.

Learning Objectives

Distinguish assessments and developmentally appropriate care related to problems of cardiovascular function. Describe the clinical manifestations of common pharmacological agents to treat complex cardiovascular conditions.

Distinguish potential/actual complications for patients who have selected critical and complex disorders of cardiac output and tissue perfusion.

Select collaborative clinical management strategies including best practices related to diseases of cardiovascular function.

3. Differentiate critical and complex problems for gas exchange and acid-base balance.

Learning Objectives

Distinguish respiratory assessments, arterial blood gas interpretation, changes, and developmentally appropriate care related to oxygenation problems.

Describe the clinical manifestations of common pharmacological agents including used to treat complex oxygenation disorders.

Distinguish potential/actual complications for patients who have selected critical and complex oxygenation disorders.

Select collaborative clinical management strategies including best practices for complex oxygenation disorders.

4. Differentiate critical and complex problems for regulation and metabolic disorders.

Learning Objectives

Distinguish assessments and developmentally appropriate care related to endocrine dysfunction.

Describe the clinical manifestations of common pharmacological agents used to treat complex endocrine disorders.

Distinguish potential/actual complications for patients who have selected critical and complex problems of regulation and metabolism.

Select collaborative clinical management strategies including best practices related to endocrine dysfunction.

5. Differentiate critical and complex problems for clotting disorders and the hematological system.

Learning Objectives

Distinguish assessments and developmentally appropriate care related to hematological dysfunction.

Describe the clinical manifestations of common pharmacological agents used to treat complex hematologic disorders.

Distinguish potential/actual complications for patients who have selected critical and complex problems of the hematologic system.

Select collaborative clinical management strategies including best practices for complex problems of hematologic dysfunction.

6. Differentiate critical and complex problems for nutrition and elimination disorders.

Learning Objectives

Distinguish gastrointestinal system assessments and developmentally appropriate care related to nutrition and elimination.

Describe the clinical manifestations of common pharmacological agents used to treat complex gastrointestinal disorders.

Distinguish potential/actual complications for patients who have selected critical and complex problems of the gastrointestinal system.

Select collaborative clinical management strategies including best practices for complex problems of nutrition and elimination.

7. Differentiate critical and complex problems of excretion.

Learning Objectives

Distinguish assessments and developmentally appropriate care related to renal system dysfunction.

Describe the clinical manifestations of common pharmacological agents used to treat complex renal system disorders.

Distinguish potential/actual complications for patients who have selected critical and complex problems of the renal system.

Select collaborative clinical management strategies including best practices to plan care delivery for complex problems of the renal system.

8. Differentiate critical and complex problems of integumentary and immune systems.

Learning Objectives

Distinguish integumentary system assessments and developmentally appropriate care related to system injury and dysfunction.

Describe the clinical manifestations of common pharmacological agents used to treat complex integumentary and immune system disorders.

Distinguish potential/actual complications for patients who have selected critical and complex problems of the integumentary and immune system disorders.

Select collaborative clinical management strategies including best practices to plan care delivery of integumentary and immune system disorders.

9. Use evidenced-based resources to create the care plan for each individual patient with complex medical-surgical conditions.

Learning Objectives

Discuss appropriate nursing interventions for patients with medical and surgical conditions, with an emphasis on patient safety and comfort.

Identify expected patient outcomes for patients with complex medical and surgical conditions.

Develop nursing goals for patients with complex medical and surgical conditions with consideration of the patient's physical, social and psychological needs.

10. Examine ethical dilemmas encountered while caring for client's with complex medical-surgical conditions.

Learning Objectives

Identify opportunities for professional development to strengthen nursing practices focused on safe, quality, cost-effective care.

Relate the meaning of the American Nurses Code of Ethics to complex client care.

Discuss the barriers in providing individualized care to specific client populations with complex medical-surgical disorders.

Examine approaches that are use in decision-making in ethical dilemmas.

Determine essential principles of professional practice and how they align with one's own personal beliefs and values.

11. Analyze professionalism in a way that integrates accountability, organizational skills, ethics and competent legal behaviors.

Learning Objectives

Examine personal accountability, organizational skills, ethics and competent legal behaviors.

Relate the importance of using infection control concepts to the physically compromised patient.

Differentiate medical equipment used in emergencies and complex medical-surgical situations.

Outline patient assessments and nursing interventions essential to safe use of advanced medical equipment.

12. Analyze effective communication techniques used in complex medical-surgical situations.

Learning Objectives

Summarize effective therapeutic communication techniques used in complex medical-surgical situations.

Confirm importance of standardized communication methods in contribution to positive patient outcomes.