



South Central College

NURS 2560 Semester 4 Med Surg Advanced

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	3
Total Hours	48

Types of Instruction

Instruction Type	Credits/Hours
Lecture	3/48

Pre/Corequisites

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

Civic Engagement and Social Responsibility - Students will be able to demonstrate the ability to engage in the social responsibilities expected of a community member.

Communication - Students will be able to demonstrate appropriate and effective interactions with others to achieve their personal, academic, and professional objectives.

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

Cultural Competence - Students will be able to demonstrate an attitude of personal curiosity, a rising knowledge of cultures, and an evolving range of skills for living and working among others with other worldviews and ways of life.

Program Student Learning Outcomes

Human Flourishing - Demonstrate nursing care that is client centered, culturally sensitive, and based on the holistic needs of clients and families.

Nursing Judgment - Use sound nursing judgment in the provision of safe, quality care.

Professional Identity - Practice professional nursing in an ethical and legal manner that integrates integrity, accountability, leadership, teamwork and collaboration.

Spirit of Inquiry - Contribute to the management of healthcare and continued quality improvement by incorporating evidence-based practice, cost containment, and current technology.

Course Competencies

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

Linked Program Student Learning Outcomes

Nursing Judgment - Use sound nursing judgment in the provision of safe, quality care.

Linked External Standards

Safety. "Minimizes risk of harm to patients and providers through both system effectiveness and individual performance."

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.

Linked Program Student Learning Outcomes

Nursing Judgment - Use sound nursing judgment in the provision of safe, quality care.

Linked External Standards

Safety. "Minimizes risk of harm to patients and providers through both system effectiveness and individual performance."

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.

Linked Program Student Learning Outcomes

Nursing Judgment - Use sound nursing judgment in the provision of safe, quality care.

Linked External Standards

Safety. "Minimizes risk of harm to patients and providers through both system effectiveness and individual performance."

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.

Linked Program Student Learning Outcomes

Nursing Judgment - Use sound nursing judgment in the provision of safe, quality care.

Linked External Standards

Safety. "Minimizes risk of harm to patients and providers through both system effectiveness and individual performance."

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.

Linked Program Student Learning Outcomes

Nursing Judgment - Use sound nursing judgment in the provision of safe, quality care.

Linked External Standards

Safety. "Minimizes risk of harm to patients and providers through both system effectiveness and individual performance."

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.

Linked Program Student Learning Outcomes

Nursing Judgment - Use sound nursing judgment in the provision of safe, quality care.

Linked External Standards

Safety. "Minimizes risk of harm to patients and providers through both system effectiveness and individual performance."

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.

Linked Program Student Learning Outcomes

Nursing Judgment - Use sound nursing judgment in the provision of safe, quality care.

Linked External Standards

Safety. "Minimizes risk of harm to patients and providers through both system effectiveness and individual performance."

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.

Linked Program Student Learning Outcomes

Nursing Judgment - Use sound nursing judgment in the provision of safe, quality care.

Linked External Standards

Safety. "Minimizes risk of harm to patients and providers through both system effectiveness and individual performance."

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.

Linked Program Student Learning Outcomes

Human Flourishing - Demonstrate nursing care that is client centered, culturally sensitive, and based on the holistic needs of clients and families.

Spirit of Inquiry - Contribute to the management of healthcare and continued quality improvement by incorporating evidence-based practice, cost containment, and current technology.

Linked External Standards

Informatics. "Use information and technology to communicate, manage knowledge, mitigate error, and support decision making."

Patient-centered Care. "Recognize the patient or designee as the source of control and full partner in providing compassionate and coordinated care based on respect for patient's preferences, values, and needs."

Evidence-based Practice (EBP). "Integrate best current evidence with clinical expertise and patient/family preferences and values for delivery of optimal health care."

Quality Improvement (QI). "Use data to monitor the outcomes of care processes and use improvement methods to design and test changes to continuously improve the quality and safety of health care systems."

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.

Linked Program Student Learning Outcomes

Professional Identity - Practice professional nursing in an ethical and legal manner that integrates integrity, accountability, leadership, teamwork and collaboration.

Linked External Standards

Teamwork and Collaboration. "Function effectively within nursing and inter-professional teams, fostering open communication, mutual respect and shared decision-making to achieve quality patient care."

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.

Linked Program Student Learning Outcomes

Professional Identity - Practice professional nursing in an ethical and legal manner that integrates integrity, accountability, leadership, teamwork and collaboration.

Linked External Standards

Teamwork and Collaboration. "Function effectively within nursing and inter-professional teams, fostering open communication, mutual respect and shared decision-making to achieve quality patient care."

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.