South Central College

NURS 2275  Skills and Pharmacology I
Common Course Outline

Course Information

Description  This course provides students the opportunity to learn basic nursing procedures, equipment, and assessments in a simulated supervised lab setting. The six rights of medication administration and dosage calculation will be explained and practiced. Medical terminology, abbreviations, and documentation will be threaded throughout the course. Drug classifications will provide the foundation for learning individual medications, their indications for use, and potential side effects/adverse reactions. Nursing resources will be identified. Competencies related to infection control, asepsis, patient safety, mobility, vital sign measurement and medication administration will be achieved. (Prerequisites: Admission to Associate of Science Nursing Program)

Career  Health Science Technology
Cluster

Instructional Level  Associate Degree

Total Credits  4.00
Total Hours  96.00

Types of Instruction

Instruction Type  Credits/Hours
Pharmacology portion Hybrid  2/32
Skills portion Laboratory  2/64

Pre/Corequisites

Prerequisite  Admission to Associate of Science Nursing Program

Institutional Core Competencies

1 Analysis and inquiry: Students will demonstrate an ability to analyze information from multiple sources and to raise pertinent questions regarding that information.

2 Civic knowledge and engagement- local and global: Students will understand the richness and challenge of local and world cultures and the effects of globalization, and will develop the skills and attitudes to function as "global citizens."

3 Critical and creative thinking: Students will develop the disposition and skills to strategize, gather, organize, create, refine, analyze, and evaluate the credibility of relevant information and ideas.

4 Ethical reasoning and action: Students will develop ethical and social responsibility to self and others,
and will collaborate with others to address ethical and social issues in a sustainable manner.

5 Foundations and skills for lifelong learning: Students will display an understanding of learning as a lifelong process through demonstration of a desire to learn, the willingness to apply learning to other areas of their lives, the ability to think and act independently, be willing to take the initiative to get projects done, and demonstrate the ability to reflect upon what has occurred and how it impacts the student and others.

6 Intercultural knowledge and competence: Students will recognize and understand the rich and complex ways that group and individual inequalities and interactions impact self and society.

7 Teamwork and problem-solving: Students will demonstrate the ability to work together cohesively with diverse groups of persons, including working as a group to resolve any issues that arise.

8 Written and oral communication: Students will communicate effectively in a range of social, academic, and professional contexts using a variety of means, including written, oral, numeric/quantitative, graphic, and visual modes of communication.

Program Student Learning Outcomes

1 Human Flourishing - Advocate for patients and families in ways that promote their self-determination, integrity, and ongoing growth as human beings.

2 Nursing Judgment - Make judgments in practice, substantiated with evidence, that integrate nursing science in the provision of safe, quality care and that promote the health of patients within a family and community context.

3 Professional Identity - Implement one’s role as a nurse in ways that reflect integrity, responsibility, ethical practices, and an evolving identity as a nurse committed to evidence-based practice, caring, advocacy, and safe, quality care for diverse patients within a family and community context.

4 Spirit of Inquiry - Examine the evidence that underlies clinical nursing practice to challenge the status quo, question underlying assumptions, and offer new insights to improve the quality of care for patients, families, and communities.

External Standards

Title QSEN

Sponsoring Organization Quality and Safety Education for Nurses

Target 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.”

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.”

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.”

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

Course Competencies
1 Discuss therapeutic communication techniques to foster a nurse-client relationship of unconditional acceptance.

Learning Objectives
Identify components of therapeutic communication.
Demonstrate the use of therapeutic communication in client interactions.
Identify communication techniques/approaches to varied populations.

2 Demonstrate basic assessment.

Learning Objectives
Identify concepts of a general assessment.
Demonstrate components of a general assessment.
Identify appropriate assessment tools utilized in a general assessment.

3 Demonstrate culturally sensitive client interventions.

Learning Objectives
Define cultural competence as it relates to client assessments and interventions.
Identify and explain individual and family considerations related to wellness and health promotion.

4 Demonstrate basic nursing interventions.

Learning Objectives
Describe differences between normal and abnormal parameters.
Demonstrate competence of basic nursing interventions.

5 Demonstrate fundamental principles of infection control.

Learning Objectives
Identify principles of infection control.
Identify differences between medical and surgical asepsis.
Implement principles of infection control.

6 Identify concepts of pharmacology.

Learning Objectives
Define concepts associated with pharmacology.
Describe the physiologic effects of medications in the body.

7 Describe drug classifications and their associated medications.

Learning Objectives
Identify medication classifications.
Describe medication indication for use.
Describe medication action.
Identify potential medication side effects and adverse reactions.
Identify potential interactions with medications and herbal substances.

8 Demonstrate competence in medication dosage calculation.

Learning Objectives
Calculate adult and pediatric non-parenteral medication dosages with equal to or greater than 90% accuracy.
Calculate adult and pediatric parenteral medication dosages with equal to or greater than 90% accuracy.
Determine the safe range of the dosage prescribed.

9 Identify medication error prevention strategies.

Learning Objectives
Describe the steps of accurate medication administration.
Demonstrate the rights of medication administration.
Identify common medication errors.

10 Demonstrate competence in safe administration of non-parenteral medications.

Learning Objectives
Administer non-parenteral medications in simulated setting with equal to or greater than 90% accuracy. Identify ethical issues related to medication administration.

11 **Demonstrate competence in safe administration of parenteral medications.**

**Learning Objectives**
Administer non-parenteral medications in simulated setting with equal to or greater than 90% accuracy. Identify ethical issues related to medication administration.

12 **Determine the effectiveness of prescribed medication.**

**Learning Objectives**
Distinguish the effects of prescribed medication. Determine appropriate assessment after nursing intervention.

**SCC Accessibility Statement**
If you have a disability and need accommodations to participate in the course activities, please contact your instructor as soon as possible. This information will be made available in an alternative format, such as Braille, large print, or cassette tape, upon request. If you wish to contact the college ADA Coordinator, call that office at 507-389-7222.

Disabilities page [http://southcentral.edu/academic-policies/disability-rights.html](http://southcentral.edu/academic-policies/disability-rights.html)