



South Central College

NURS 1220 Pharmacology for Practical Nurses

Common Course Outline

Course Information

Description	This course will address basic concepts of pharmacology and the effects on the body. The course focuses on drug classifications as they apply to all body systems. Understanding the therapeutic and adverse drug effects and appropriate actions will be addressed. The student will describe federal regulations to guide practice. The role of the practical nurse for client medication administration will be discussed using credible resources. (Prerequisite: Acceptance into Nursing Program is required in order to register for Nursing Courses)
Total Credits	2
Total Hours	32

Types of Instruction

Instruction Type	Credits/Hours
Lecture	2/32

Pre/Corequisites

Prerequisite Acceptance into Nursing Program is required in order to register for Nursing Courses

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 - The graduate will provide age appropriate patient centered care while working with the interdisciplinary health care team.

Nursing Judgment - The graduate will prioritize care for safe nursing practice.

Professional Identity - The graduate will function according to the LPN scope of practice following legal and ethical principles within the healthcare team.

Spirit of Inquiry - The graduate will utilize best practice standards and information technology to enhance patient care outcomes.

Course Competencies

1. Describe basic pharmacology concepts.

Linked Program Student Learning Outcomes

Nursing Judgment - The graduate will prioritize care for safe nursing practice.

Learning Objectives

Define the pharmacokinetic process.

Define the pharmacodynamic effects.

Identify possible ethnic influences on drug action.

Discuss application of pharmacology concepts and meaning for practice.

2. Describe drug classifications as they pertain to expected therapeutic effects.

Linked Program Student Learning Outcomes

Nursing Judgment - The graduate will prioritize care for safe nursing practice.

Learning Objectives

Define drug classifications as they relate to therapeutic effect.

Define categories of medications within drug classifications.

Describe therapeutic effect on body systems for individual drug classifications.

3. Choose appropriate actions when responding to potential and actual incompatibilities of client medications.

Linked Program Student Learning Outcomes

Nursing Judgment - The graduate will prioritize care for safe nursing practice.

Learning Objectives

Define differences between desired and undesired effects for medications (ex. side-effect, adverse effects).

Discuss use of drug classifications to recognize risk for potential incompatibilities.

Identify signs and symptoms of adverse events and actions to implement (ex. allergic reactions).

Discuss lifespan considerations for undesired effects for medications.

Discuss client use of medication over time with over-the-counter medications and home remedies including herbal remedies.

Determine medications in which desired and undesired effects are important to monitor.

4. Describe the importance of federal regulations and resources to guide practice.

Linked Program Student Learning Outcomes

Professional Identity - The graduate will function according to the LPN scope of practice following legal and ethical principles within the healthcare team.

Learning Objectives

Define federal regulations and standards.

Discuss importance of federal regulations and standards to guide practice.

5. Demonstrate use of credible resources to guide practice.

Linked Program Student Learning Outcomes

Spirit of Inquiry - The graduate will utilize best practice standards and information technology to enhance patient care outcomes.

Learning Objectives

Use credible resources to determine purpose and action of pharmacological actions.

Demonstrate competence in using credible medication resources to guide practice and reinforce patient education.

6. Discuss the role of the LPN in client medication education.

Linked Program Student Learning Outcomes

Human Flourishing - The graduate will provide age appropriate patient centered care while working with the interdisciplinary health care team.

Learning Objectives

Describe LPN role in assisting with client medication education for action, side-effects, and interactions.

Discuss of teaching methods that may be used in following the established teaching plan (ex. demonstration, "read-back").