



South Central College

# NURS 1275 Medication Administration

## Common Course Outline

### Course Information

<b>Description</b>	This course introduces the student to the six rights of medication administration. The course will include non-parenteral administration routes including: oral, topical, nasal, rectal, eye, and ear. The course will also address safe medication administration utilizing the parenteral routes including: topical, intradermal, subcutaneous, intramuscular, and intravascular. Medication dosage calculations competency is expected. Medical terminology and abbreviations are threaded throughout the course. Best practices related to medication administration for the practical nurse will be used. This course will also cover the characteristics of hazardous wastes and its safe handling, storage, and disposal. (Prerequisites: Acceptance into Nursing Program is required in order to register for Nursing Courses)
<b>Total Credits</b>	1
<b>Total Hours</b>	32

### Types of Instruction

Instruction Type	Credits/Hours
Laboratory over 10 weeks	1/32

### 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 medication administration guidelines.

#### Linked Institutional Core Competencies

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.

#### Linked Program Student Learning Outcomes

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

#### Linked External Standards

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

#### Learning Objectives

Identify medication abbreviations/symbols.

Discuss medication administration guidelines.

Describe practical nurse role of client medication education.

### 2. Use best practices for safe medication administration including documentation.

#### Linked 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.

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.

#### Linked Program Student Learning Outcomes

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

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

#### 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

Interpret medication orders.

Interpret pertinent client medication information.

Demonstrates following the 6 rights of medication administration.

Maintain medication safety practices (ex. storage, checking for expiration dates, compatibility).

Demonstrate accurate medication documentation.

### 3. Demonstrate competency of topical, enteral, and parenteral medication administration.

**Linked Institutional Core Competencies**

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.

**Linked Program Student Learning Outcomes**

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

**Linked External Standards**

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

**Learning Objectives**

Identify different methods for topical, enteral, and parenteral medication administration.

Exhibit topical, enteral, and parenteral medication administration accuracy.

Demonstrate use of appropriate medication administration equipment.

**4. Demonstrate competency in non-parenteral and parenteral dosage calculations.**

**Linked Institutional Core Competencies**

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.

**Linked Program Student Learning Outcomes**

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

**Linked External Standards**

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

**Learning Objectives**

Demonstrate the ability to calculate medication dosages at 90 % competency.

Identify dosage calculation formula appropriate to medication administration in simulation.

Demonstrate the ability to calculate and monitor intravenous (IV) flow rate.

Identify lifespan considerations in the calculation of medication dosages.

**5. Identify medication error prevention measures.**

**Linked Institutional Core Competencies**

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

**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.

**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 the role of the six rights of medication administration in preventing errors.

Identify medication error prevention practices.

Describe safety procedures associated with controlled substances.

Demonstrate safety procedures in client interactions.

**6. Identify pain control methods and devices.**

**Linked Institutional Core Competencies**

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.

**Linked Program Student Learning Outcomes**

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

**Linked External Standards**

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

**Learning Objectives**

Identify client need for pain medication scheduled and as needed.

Monitor and document client response to pharmacological interventions (ex. pain rating scale, verbal reports).

Discuss pain control devices (ex. epidural, patient control analgesia, peripheral nerve catheter).