



South Central College

NURS 1310 Application of Nursing

Common Course Outline

Course Information

Description	This course introduces the student to disease processes of the body systems: integumentary, respiratory, gastrointestinal, genitourinary, endocrine, cardiovascular, hematological, lymphatic, immune, neurological, sensory, reproductive, and musculoskeletal. Students will recognize signs and symptoms, as well as identify diagnostic tests, medications, and nutrition in the study of body system diseases. The student will use the nursing process to select effective treatments and interventions specific to the altered body systems. (Prerequisites: Successfully complete all Semester 1 Courses in order to advance to Semester 2 Courses)
Total Credits	4
Total Hours	64

Types of Instruction

Instruction Type	Credits/Hours
Lecture	4/64

Pre/Corequisites

Prerequisite	Successfully complete all Semester 1 Courses in order to advance to Semester 2 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 - 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. Determine effective treatments and nursing interventions for integumentary disorders utilizing the nursing process.

Linked Program Student Learning Outcomes

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

Learning Objectives

Describe effective treatments and nursing interventions for integumentary disorders utilizing the nursing process. Compare current client clinical data including signs and symptoms to baseline information for clients with integumentary disorders.

Consult with registered nurse about focused assessment findings for integumentary disorders.

Compare client laboratory values to normal values and choose appropriate interventions (ex. call health care provider, select action to be taken).

Recognize complications and interventions to either document or report findings for unexpected responses for client treatments with integumentary disorders (ex. therapy, tests, treatments, procedures).

Reinforce established nutritional plans for clients with integumentary disorders.

Use resources to recall purposes, desired, and undesired actions of pharmacological agents including education regarding medication effects for clients with integumentary disorders.

2. Determine effective treatments and nursing interventions for respiratory disorders utilizing the nursing process.

Linked Program Student Learning Outcomes

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

Learning Objectives

Describe effective treatments and nursing interventions for respiratory disorders utilizing the nursing process. Compare current client clinical data including signs and symptoms to baseline information for clients with respiratory disorders.

Consult with registered nurse about focused assessment for respiratory disorders.

Compare client laboratory values to normal values and choose appropriate interventions (ex. call health care provider, select action to be taken).

Recognize complications and interventions to either document or report findings for unexpected responses for client treatments with respiratory disorders (ex. therapy, tests, treatments, procedures).

Reinforce established nutritional plans for clients with respiratory disorders.

Use resources to recall purposes, desired, and undesired actions of pharmacological agents including education regarding medication effects for clients with respiratory disorders.

3. Determine effective treatments and nursing interventions for gastrointestinal disorders utilizing the nursing process.

Linked Program Student Learning Outcomes

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

Learning Objectives

Describe effective treatments and nursing interventions for gastrointestinal disorders utilizing the nursing process.

Compare current client clinical data including signs and symptoms to baseline information for clients with gastrointestinal disorders.

Consult with registered nurse about focused assessment for gastrointestinal disorders.

Compare client laboratory values to normal values and choose appropriate interventions (ex. call health care provider, select action to be taken).

Recognize complications and interventions to either document or report findings for unexpected responses for

client treatments with gastrointestinal disorders (ex. therapy, tests, treatments, procedures).
Reinforce established nutritional plans for clients with gastrointestinal disorders.
Use resources to recall purposes, desired, and undesired actions of pharmacological agents including education regarding medication effects for clients with gastrointestinal disorders.

4. Determine effective treatments and nursing interventions for genitourinary disorders utilizing the nursing process.

Linked Program Student Learning Outcomes

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

Learning Objectives

Describe effective treatments and nursing interventions for genitourinary disorders utilizing the nursing process.
Compare current client clinical data including signs and symptoms to baseline information for clients with genitourinary disorders.
Consult with registered nurse about focused assessment for genitourinary disorders.
Compare client laboratory values to normal values and choose appropriate interventions (ex. call health care provider, select action to be taken).
Recognize complications and interventions to either document or report findings for unexpected responses for client treatments with genitourinary disorders (ex. therapy, tests, treatments, procedures).
Reinforce established nutritional plans for clients with genitourinary disorders.
Use resources to recall purposes, desired, and undesired actions of pharmacological agents including education regarding medication effects for clients with genitourinary disorders.

5. Determine effective treatments and nursing interventions for endocrine disorders utilizing the nursing process.

Linked Program Student Learning Outcomes

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

Learning Objectives

Describe effective treatments and nursing interventions for endocrine disorders utilizing the nursing process.
Compare current client clinical data including signs and symptoms to baseline information for clients with endocrine disorders.
Consult with registered nurse about focused assessment for endocrine disorders.
Compare client laboratory values to normal values and choose appropriate interventions (ex. call health care provider, select action to be taken).
Recognize complications and interventions to either document or report findings for unexpected responses for client treatments with endocrine disorders (ex. therapy, tests, treatments, procedures).
Reinforce established nutritional plans for clients with endocrine disorders.
Use resources to recall purposes, desired, and undesired actions of pharmacological agents including education regarding medication effects for clients with endocrine disorders.

6. Determine effective treatments and nursing interventions for cardiovascular disorders utilizing the nursing process.

Linked Program Student Learning Outcomes

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

Learning Objectives

Describe effective treatments and nursing interventions for cardiovascular disorders utilizing the nursing process.
Compare current client clinical data including signs and symptoms to baseline information for clients with cardiovascular disorders.
Consult with registered nurse about focused assessment for cardiovascular disorders.
Compare client laboratory values to normal values and choose appropriate interventions (ex. call health care provider, select action to be taken).
Recognize complications and interventions to either document or report findings for unexpected responses for client treatments with cardiovascular disorders (ex. therapy, tests, treatments, procedures).
Reinforce established nutritional plans for clients with cardiovascular disorders.
Use resources to recall purposes, desired, and undesired actions of pharmacological agents including education regarding medication effects for clients with cardiovascular disorders.

7. Determine effective treatments and nursing interventions for hematological, lymph, and immune disorders utilizing the nursing process.

Linked Program Student Learning Outcomes

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

Learning Objectives

Describe effective treatments and nursing interventions for hematological, lymph, and immune disorders utilizing the nursing process.

Compare current client clinical data including signs and symptoms to baseline information for clients with hematological, lymph, and immune disorders.

Consult with registered nurse about focused assessment for hematological, lymph, and immune disorders.

Compare client laboratory values to normal values and choose appropriate interventions (ex. call health care provider, select action to be taken).

Recognize complications and interventions to either document or report findings for unexpected responses to treatments for clients with hematological, lymph, and immune disorders (ex. therapy, tests, treatments, procedures).

Reinforce established nutritional plans for clients with hematological, lymph, and immune disorders.

Use resources to recall purposes, desired, and undesired actions of pharmacological agents including education regarding medication effects for clients with hematological, lymph, and immune disorders.

8. Determine effective treatments and nursing interventions for sensory disorders utilizing the nursing process.

Linked Program Student Learning Outcomes

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

Learning Objectives

Describe effective treatments and nursing interventions for sensory disorders utilizing the nursing process.

Compare current client clinical data including signs and symptoms to baseline information for clients with sensory disorders.

Consult with registered nurse about focused assessment for sensory disorders.

Compare client laboratory values to normal values and choose appropriate interventions (ex. call health care provider, select action to be taken).

Recognize complications and interventions to either document or report findings for unexpected responses for client treatments with sensory disorders (ex. therapy, tests, treatments, procedures).

Reinforce established nutritional plans for clients with sensory disorders.

Use resources to recall purposes, desired, and undesired actions of pharmacological agents including education regarding medication effects for clients with sensory disorders.

9. Determine effective treatments and nursing interventions for neurological disorders utilizing the nursing process.

Linked Program Student Learning Outcomes

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

Learning Objectives

Describe effective treatments and nursing interventions for neurological disorders utilizing the nursing process.

Compare current client clinical data including signs and symptoms to baseline information for clients with neurological disorders.

Consult with registered nurse about focused assessment for neurological disorders.

Compare client laboratory values to normal values and choose appropriate interventions (ex. call health care provider, select action to be taken).

Recognize complications and interventions to either document or report findings for unexpected responses for client treatments with neurological disorders (ex. therapy, tests, treatments, procedures).

Reinforce established nutritional plans for clients with neurological disorders.

Use resources to recall purposes, desired, and undesired actions of pharmacological agents including education regarding medication effects for clients with neurological disorders.

10. Determine effective treatments and nursing interventions for reproductive disorders utilizing the nursing process.

Linked Program Student Learning Outcomes

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

Learning Objectives

Describe effective treatments and nursing interventions for reproductive disorders utilizing the nursing process.
Compare current client clinical data including signs and symptoms to baseline information for clients with reproductive disorders.
Consult with registered nurse about focused assessment for reproductive disorders.
Compare client laboratory values to normal values and choose appropriate interventions (ex. call health care provider, select action to be taken).
Recognize complications and interventions to either document or report findings for unexpected responses for client treatments with reproductive disorders (ex. therapy, tests, treatments, procedures).
Reinforce established nutritional plans for clients with reproductive disorders.
Use resources to recall purposes, desired, and undesired actions of pharmacological agents including education regarding medication effects for clients with reproductive disorders.

11. Determine effective treatments and nursing interventions for musculoskeletal disorders utilizing the nursing process.

Linked Program Student Learning Outcomes

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

Learning Objectives

Describe effective treatments and nursing interventions for musculoskeletal disorders utilizing the nursing process.
Compare current client clinical data including signs and symptoms to baseline information for clients with musculoskeletal disorders.
Consult with registered nurse about focused assessment for musculoskeletal disorders.
Compare client laboratory values to normal values and choose appropriate interventions (ex. call health care provider, select action to be taken).
Recognize complications and interventions to either document or report findings for unexpected responses for client treatments with musculoskeletal disorders (ex. therapy, tests, treatments, procedures).
Reinforce established nutritional for clients with musculoskeletal disorders.
Use resources to recall purposes, desired, and undesired actions of pharmacological agents including education regarding medication effects for clients with musculoskeletal disorders.

12. Determine effective treatments and nursing interventions for malignant disorders utilizing the nursing process.

Linked Program Student Learning Outcomes

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

Learning Objectives

Describe effective treatments and nursing interventions for malignant disorders utilizing the nursing process.
Compare current client clinical data including signs and symptoms to baseline information for clients with malignant disorders.
Consult with registered nurse about focused assessment for malignant disorders.
Compare client laboratory values to normal values and choose appropriate interventions (ex. call health care provider, select action to be taken).
Recognize complications and interventions to either document or report findings for unexpected responses for client treatments with malignant disorders (ex. therapy, tests, treatments, procedures).
Reinforce established nutritional plans for clients with malignant disorders.
Use resources to recall purposes, desired, and undesired actions of pharmacological agents including education regarding medication effects for clients with malignant disorders.

13. Use evidence-based resources when following a plan of care for selected medical-surgical conditions.

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

Learning Objectives

Describe evidence based resources for clients with medical-surgical conditions with an emphasis on safety and comfort.

Recognize LPN role in contributing to the plan of care supported by evidence-based information.

14. Relate diversity to clients when teaching according to established care plans in the medical-surgical setting.

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

Identify resources for clients with diversity considerations when providing teaching.

Discuss medical-surgical conditions and diversity considerations for client education.

Provide information on methods and tools that support diversity in the medical-surgical setting.