

**SOUTHEAST COMMUNITY COLLEGE  
HEALTH SCIENCES DIVISION  
NURSING  
Created Date: 10/2025**

**I. CATALOG DESCRIPTION**

**Course Number:** NURS 1110  
**Course Title:** Essentials of Patient Care 1  
**Prerequisite(s):** Admission to the Nursing program

**Catalog Description:** This course introduces students to core nursing concepts related to the care of clients with chronic, stable health conditions. Students will examine pathophysiology, pharmacology, dosage calculations, and nursing interventions with a focus on understanding disease processes and the rationale for interventions. Students will examine chronic exemplars across body systems and explore medication classifications commonly used in their management. Emphasis is placed on clinical judgment and decision-making, evidence-based person-centered care. Students will apply critical thinking to connect pathophysiological concepts with evidence-based pharmacological and nursing interventions.

**Credit Hours:** 4  
**Class Hours:** 60  
**Clinical Hours:** 0  
**Total Contact Hours:** 60

**II. COURSE OBJECTIVES:** *Course will:*

1. Introduce concepts of pathophysiology related to chronic, stable conditions across major body systems.
2. Present common clinical signs and symptoms associated with chronic disease exemplars.
3. Teach basic pharmacologic principles including medication classifications, actions, and side effects relevant to chronic illness.
4. Provide instruction in basic dosage calculations using standard formulas for safe medication administration.
5. Introduce evidence-based nursing interventions appropriate for managing chronic, stable conditions.
6. Explain the connection between altered physiology and pharmacologic management across the lifespan.
7. Guide students in recognizing patterns among chronic exemplars, pharmacologic treatments, and nursing care strategies.

### III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOME:

#### A. STUDENT LEARNING OUTCOMES: *The student will be able to:*

1. Identify normal and altered physiological processes related to chronic, stable health conditions across major body systems.
2. Describe common signs and symptoms associated with chronic disease exemplars.
3. Explain medication classifications used to treat chronic conditions and their basic actions, side effects, and purposes.
4. Calculate basic medication dosages using standard formulas and safety guidelines.
5. Recognize appropriate nursing interventions for managing chronic, stable health conditions.
6. Correlate chronic disease exemplars with related pathophysiology, medication classifications, and nursing care strategies.

#### B. GENERAL EDUCATION LEARNING OUTCOME

1. **GELO 3: Critical Thinking & Problem Solving – Synthesize information to arrive at reasoned solutions to problems.**

### IV. CONTENT/TOPICAL OUTLINE (*course outline may provide more detailed information*)

#### A. UNITS

1. Principles of Pathophysiology and Pharmacology – Chronic Disease Management
2. Safe Medication Administration – Dosage Calculations
3. Chronic Pain Management
4. Cardiovascular System – Perfusion and Chronic Cardiac Conditions
5. Respiratory System – Gas Exchange in Chronic Illness
6. Endocrine System – Hormonal Balance in Chronic Disease
7. Immune System – Immune Function and Autoimmune Disorders
8. Gastrointestinal System – Nutrition, Digestion, and Chronic Elimination Disorders
9. Renal and Urinary System – Fluid Balance and Chronic Kidney Conditions
10. Musculoskeletal System – Chronic Conditions affecting Mobility
11. Neurological System – Chronic Neurologic Disorders affecting Cognition and Sensory Perception
12. Integumentary System – Tissue Integrity and Chronic Wound Care
13. Infectious Conditions – Infection Control and Recurrent Infections
14. Hematologic and Circulatory – Chronic Blood Disorders
15. Oncology – Common Cancers
16. Holistic Nursing Approaches to Complex Patient Care – Polypharmacy and Chronic Disease Management

### V. INSTRUCTIONAL MATERIALS REQUIRED

#### Required Text(s):

- A. Evolve Resources (reference course CID and Nursing Program Handbook for required learning resources)

### VI. METHODS OF PRESENTATION/INSTRUCTION

#### A. Methods of presentation typically include a combination of the following:

1. Lecture
2. Demonstration
3. Handout Materials
4. Class Participation/Presentations
5. Role-play/Simulation
6. Case Studies and Team Work

7. Guest Presenters
8. Websites
9. Power Point slides and videos
10. Pretests and worksheets
11. Games may be used to augment some of the units.

## **VII. METHODS OF EVALUATION**

**A.** Methods of evaluation typically include a combination of assignments, quizzes, exams, projects, etc. For grading expectations please see the course information document.

### **SCC STANDARD GRADING SCALE POLICY:**

<b>A+ 95-100</b>	<b>C+ 75-79</b>
<b>A 90-94</b>	<b>C 70-74</b>
<b>B+ 85-89</b>	<b>D+ 65-69</b>
<b>B 80-84</b>	<b>D 60-64</b>
	<b>F Below 60</b>

## **VIII. SPECIFIC COURSE REQUIREMENTS**

### **A. ATTENDANCE**

Attendance is crucial to the success of this course. Any class missed could mean valuable missed information, which is difficult to obtain. Please notify the instructor of any pending absences or if you will be late.

**B.** Must pass all program courses with a C+ to progress to the next term.

Please see course information document for course policies related to grading, expectations, assignments, assessments, and participation.