



**MERCER**  
COUNTY COMMUNITY COLLEGE

## COURSE OUTLINE

Course Number	Course Title	Credits
NRS115	Concepts of Nursing Practice I	6
<b>Hours:</b> Lecture/Lab/Other	<b>Co- or Pre-requisite</b>	<b>Implementation Semester &amp; Year</b>
3/3/6	Pre-requisites: ENG101, ENG102, MAT125, CHE107, BIO103, BIO104, PSY101, PSY207 Co-requisite: NRS105	Fall 2023

**Catalog description:**

Introduces the student to the fundamental concepts of nursing practice and the application of the concepts across the lifespan, with a focus on uncomplicated chronic and mild acute alteration in health. The application of knowledge and skills occurs in the nursing laboratories and a variety of clinical settings.

**General Education Category:**  
Not Gen Ed

**Course coordinator:** Nursing faculty TBD

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609-570-3526

**Required texts & Other materials:** (Please include ISBN # Where appropriate)

Adams, M.L., Holland, L.N. & Urban, C.Q. (2019) Pharmacology for Nurses A Pathophysiologic Approach. (6th Edition) Pearson Education, Inc. ISBN: 978-0135218334

Callahan, B. (2018). Clinical Nursing Skills: A Concept-Based Approach to Learning, Volume Three, 3rd. Edition. Pearson Education, Inc. ISBN: 978-0134616834

Giangrasso, A., & Shrimpton, D. (2013). Dosage calculations: a multi-method approach. Pearson Education, Inc. ISBN: 978-0132158626

MyNursingLab: Electronic resource bundle from Pearson that includes study materials and additional electronic textbooks. Sold in college bookstore as a bundle with concept textbooks and pharmacology text. May be purchased separately for approximately \$310 by visiting <https://registration.mypearson.com/#payment-option>

Pearson. (2018). Nursing: A Concept-Based Approach to Learning, Volume I, 3rd Edition Pearson Education, Inc. ISBN 978-0134616803

Pearson. (2018). Nursing: A Concept-Based Approach to Learning, Volume II, 3rd Edition Pearson Education, Inc. ISBN 978-0134616803

Silvestri, L.A, (2020) Saunders Comprehensive Review for the NCLEX-RN Examination, 8th Edition.

Elsevier Saunders. ISBN 978-0323672849

Adobe PDF Reader (Free Version) installed on your computer or device

Microsoft Teams App installed on your device. This is free through your MyMercer account.

Stethoscope, blood pressure cuff, penlight, and wrist watch with a second hand

Regular access to a computer with internet access and ability to generate Microsoft Office documents (Word, Excel, and PowerPoint).

### **Course Student Learning Outcomes (SLO):**

***Upon successful completion of this course, the student will be able to:***

CLO1: Demonstrate clinical judgement to provide safe, evidence-informed patient-centered nursing care in a variety of healthcare settings to diverse patient populations across the lifespan (PLO1, ILG2, ILG3, IGL11).

CLO2: Identify written and verbal therapeutic communication, information literacy, and use of healthcare technology to promote safe and positive outcomes through the continuum of care delivery (PLO2, ILG1, ILG4, ILG10).

CLO3: Identify the importance of collaboration with members of the interprofessional team, the patient, and the patient's support person to promote care that incorporates a culturally humble and holistic focus (PLO3, ILG5, ILG8).

CLO4: Describe health equity through the inclusion of social determinants of health in the nursing process (PLO4, ILG5, IGL11).

CLO5: Define a professional identity that includes a spirit of inquiry and an ethical practice with advocacy for patient centered care (PLO5, ILG9).

### **Course-specific Institutional Learning Goals (ILG):**

**Institutional Learning Goal 1. Written and Oral Communication in English.** Students will communicate effectively in both speech and writing.

**Institutional Learning Goal 2. Mathematics.** Students will use appropriate mathematical and statistical concepts and operations to interpret data and to solve problems.

**Institutional Learning Goal 3. Science.** Students will use the scientific method of inquiry, through the acquisition of scientific knowledge.

**Institutional Learning Goal 4. Technology.** Students will use computer systems or other appropriate forms of technology to achieve educational and personal goals.

**Institutional Learning Goal 5. Social Science.** Students will use social science theories and concepts to analyze human behavior and social and political institutions and to act as responsible citizens.

**Institutional Learning Goal 8. Diversity and Global Perspective:** Students will understand the importance of a global perspective and culturally diverse peoples

**Institutional Learning Goal 9. Ethical Reasoning and Action.** Students will understand ethical frameworks, issues, and situations.

**Institutional Learning Goal 10. Information Literacy:** Students will recognize when information is needed and have the knowledge and skills to locate, evaluate, and effectively use information for college level work.

**Institutional Learning Goal 11. Critical Thinking:** Students will use critical thinking skills understand, analyze, or apply information or solve problems.

### **Program Learning Outcomes for Nursing**

PLO1: Apply clinical judgement to provide safe, evidence-informed patient-centered nursing care in a variety of healthcare settings to diverse patient populations across the lifespan. (ILG2, ILG3, IGL11)

PLO2: Implement written and verbal therapeutic communication, information literacy, and use of healthcare technology to promote safe and positive outcomes through the continuum of care delivery. (ILG1, ILG4, ILG10)

PLO3: Collaborate with members of the interprofessional team, the patient, and the patient's support person to promote care that incorporates a culturally humble and holistic focus (ILG5, ILG8)

PLO4: Promote health equity through the inclusion of social determinants of health in the nursing process (ILG5, IGL11).

PLO5: Develop a professional identity that includes a spirit of inquiry and an ethical practice with advocacy for patient centered care (ILG9).

### **Unit 1: Health (Supports CLO1, 2, 3, 4, and 5)**

Learning objective: The student will be able to explain basic nursing care for clients with uncomplicated chronic or mild conditions.

1. Growth and development
  - a. Lifespan
2. Health and wellness
  - a. Sleep hygiene
  - b. Exercise
  - c. Health screenings
  - d. Hygiene (inc vermin)
  - e. Vaccines
3. Pharmacology
4. Nursing Assessment
5. Safety

### **Unit 2: Basic Needs (Supports CLO1, 2, 3, 4, and 5)**

Learning objective: The student will be able to explain nursing care for clients with uncomplicated chronic or mild alterations in thermoregulation, digestion, elimination, and fluid/electrolyte imbalances.

1. Thermoregulation
  - a. Hyperthermia – medical and environmental
  - a. Hypothermia– medical and environmental

2. Nutrition and Digestion
  - a. Nutritional needs, diets, etc.
  - b. Peptic ulcer disease (PUD)
  - c. Nutritional deficiency anemias
  - d. Hypercholesterolemia
3. Elimination
  - a. Urinary incontinence
  - b. Constipation
  - c. Fecal impaction
4. Fluid and Electrolytes
  - a. Fluid volume excess
  - b. Fluid volume deficit
  - c. Hypo/hyperkalemia
  - d. Hypo/hypercalcemia
  - e. Hypo/hypermagnesemia
  - f. Hypo/hyponatremia

### **Unit 3: Perfusion and Oxygenation (Supports CLO1, 2, 3, 4, and 5)**

Learning objective: The student will be able to explain nursing care for clients with uncomplicated chronic or mild alterations in perfusion and oxygenation.

6. Perfusion
  - a. Hypertension
  - b. Coronary artery disease
  - c. Hypercholesterolemia
7. Oxygenation
  - a. Atelectasis
  - b. Tuberculosis

### **Unit 4: Infection and Inflammation (Supports CLO1, 2, 3, 4, and 5)**

Learning objective: The student will be able to explain nursing care for clients with uncomplicated chronic or mild alterations in infection and inflammation.

8. Infection and Inflammation
  - a. Conjunctivitis
  - b. Otitis media
  - c. Abx resistant infections
  - d. Immunizations
  - e. Allergic rhinitis
  - f. Contact dermatitis
  - g. Anaphylaxis
  - h. Tick borne illness – Lymes, Rocky Mountain Fever

### **Unit 5: Functional Needs (Supports CLO1, 2, 3, 4, and 5)**

Learning objective: The student will be able to explain nursing care for clients with uncomplicated chronic or mild alterations in mobility, tissue integrity, sensory perception, pain, and cognition.

9. Mobility
  - a. Osteoarthritis
  - b. Sprains

- c. Tendonitis
  - d. Joint inflammation
  - e. Gout
  - f. Scoliosis
  - g. Osteoporosis
  - h. Immobility
10. Tissue Integrity
- a. Abrasion
  - b. Blister
  - c. Ecchymosis
  - d. Hematoma
  - e. Laceration
  - f. Vermin infestations
  - g. Pressure injury (ulcer)
11. Sensory Perception
- a. Visual deficits
    - i. Blindness
    - ii. Cataract
    - iii. Retinal detachment
    - iv. Macular degeneration
    - v. Glaucoma
  - b. Hearing deficits
    - i. Sensorineural hearing loss
    - ii. Conductive hearing loss
12. Pain
- a. Acute pain
  - b. Chronic pain
13. Cognition
- a. Dementia
  - b. Delirium
  - c. Learning disabilities (move to 050 with teaching/learning?)
  - d. Parkinsons

## **Unit 6: Interpersonal Relations (Supports CLO1, 2, 3, 4, and 5)**

Learning objective: The student will be able to explain nursing care for clients with uncomplicated chronic or mild conditions related to interpersonal relations.

14. Reproduction and Sexuality
- a. Safe sex practices
  - b. Birth control
  - c. Sexually transmitted infections
  - d. Erectile dysfunction
  - e. Gender identity
15. Interpersonal violence
- a. Intimate partner violence
  - b. Elder abuse
  - c. Child abuse
  - d. Sexual violence

## Evaluation of student learning:

<b>Assessment</b>	<b>Percentage of Grade</b>
Exam 1	8%
Exam 2	8%
Exam 3	10%
Exam 4	12%
Exam 5	12%
Evidence Based Review Paper	5%
HESI Evolve Case Studies	2.5%
HESI Fundamentals Exam V1	5%
Average of Dosage Calculation	2.5%
Quizzes in Lab/Clinical	
Comprehensive Final Exam	35%
<b>Total:</b>	<b>100</b>