

## Lassen Community College Course Outline

### NURS 9 Medical Surgical III

3 Units

#### I. Catalog Description

This course is a continuation of NURS 2 and NURS 5, focusing on medical/surgical conditions of the intermediate acute patient. It builds on medical/surgical nursing theory, focused care of the young, middle, and older adult population, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered nursing care. Focuses on developmental and cultural diversity of adult patients experiencing intermediate acuity medical/surgical conditions. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse as applied in the acute care setting. Application of knowledge and skills occurs in a variety of clinical settings. This course includes integrated medical/surgical and geriatric concepts with 25 hours of instruction focused on general medical/surgical populations and 26 hours of instruction focused on geriatric populations. This is a web-enhanced course; computer and internet access are required. Students must complete all course hours and assignments as required. Students must receive 75% on their final as well as in the course to remain in the nursing program. NURS 9 is offered as a concurrent course with NURS 10, NURS 11, and NURS 12 during the third semester of the program. A course grade of D or below will result in failure in all concurrent courses. Students must be accepted into the Lassen Community College Registered Nursing Program.

#### ***Diversity statement***

*Our commitment to diversity requires that we strive to eliminate barriers to equity and that we act deliberately to create a safe and inclusive environment where individual and group differences are valued and leveraged for the growth and understanding as an educational community.*

#### **Prerequisites:**

Prerequisite(s): Pharmacology (NURS 1), Medical Surgical I (NURS 2) Clinical Practice I (NURS 3), Nursing Lab I (NURS 4), Medical Surgical II (NURS 5), Introduction to Maternal Child (NURS 6), Clinical Practice II (NURS 7), Nursing Lab II (NURS 8), all completed with a grade of C or better.

Corequisite(s): Advanced Maternal Child (NURS 10), Clinical Placement III (NURS 11), Nursing Lab III (NURS 12).

Transfer Status: CSU

51 Hours Lecture, 102 Hours Out-Of-Class: 153 Total Hours of Student Learning

Scheduled: Fall

#### II. Coding Information

Repeatability: Non-repeatable

Grading Option: Graded

Credit Type: Credit - Degree Applicable/Credit

TOP Code: 1230.10

#### III. Course Objectives

### **A. Course Student Learning Outcomes**

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

1. Organize the treatment and management of physiological body systems to pathologic variations.
2. Understand nursing theory to plan, implement, and evaluate nursing care for adults with acute and chronic body systems stressors.
3. Develop an individualized, evidence-based plan of care that demonstrates appreciation of a patient's cultural, spiritual, and developmental variations.

### **B. Course Objectives**

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

1. Analyze critical thinking and clinical reasoning need to make patient-centered care decisions for patients with high acuity medical/surgical conditions.
2. Prioritize critical thinking skills in the implementation of the nursing process while providing safe patient care in the geriatric population.

## **IV. Course Content**

### **A. Outline of Topics**

1. Gas Exchange and Respiratory Function
  - A. Review assessment of Respiratory Function
  - B. Management of patients with Upper Respiratory Tract Disorders
  - C. Management of patients with Chest and Lower Respiratory Tract Disorders
  - D. Management of patients with Chronic Pulmonary Disease
2. Cardiovascular and Circulatory Function Review assessment of Cardiovascular Function
  - A. Management of patients with Arrhythmias and Conduction Problems
  - B. Management of patients with Coronary Vascular Disorders
  - C. Management of patients with Structural, Infectious, and Inflammatory Cardiac Disorders
  - D. Management of patients with Complication from Heart Disease
  - E. Assessment of Management patients with Vascular Disorders and Problems of Peripheral Circulation
  - F. Assessment and Management of patients with Hypertension
3. Hematologic Function
  - A. Review assessment of Hematologic Function and Treatment Modalities
  - B. Management of patients with Nonmalignant Hematologic Disorders
  - C. Management of patients with Hematologic Neoplasms
4. Immunologic Function
  - A. Review management of Immune Function and Allergic Disorders
  - B. Management of patients with Immune Deficient Disorders
  - C. Assessment and Management of patients with Inflammatory and Rheumatic Disorders
5. Musculoskeletal Function
  - A. Review assessment of Musculoskeletal Function
  - B. Management of patients with Musculoskeletal Trauma
6. Gerontological Nursing
  - A. Aging Experience
  - B. Foundations of Gerontologic Nursing
  - C. Geriatric Care

D. Settings and Special Issues in Geriatric Care

**B. Link to Nursing Practice**

1. Management of Care
  - a. Continue practice of all concepts taught in NURS 5.
2. Safety and Infection Control
  - a. Continue practice of all concepts taught in NURS 2.
3. Health Promotion and Maintenance
  - a. Continue practice of all concepts taught in NURS 6 with the addition of the following:
  - b. Provide care and education for the adult client ages 18 through 64 years
  - c. Provide care and education for the adult client ages 65 years and over
4. Psychosocial Integrity
  - a. Concepts covered in general, all other concepts covered in NURS 13.
  - b. Provide end-of-life care and education
  - c. Use therapeutic communication techniques
  - d. Promote a therapeutic environment to clients
5. Basic Care and Comfort
  - a. Continue practice of all concepts taught in NURS 2.
6. Pharmacological and Parenteral Therapies
  - a. Continue practice of all concepts taught in NURS 2 and:
  - b. Administer blood products and evaluate client response
  - c. Access and/or maintain central venous access devices
  - d. Titrate dosage of medication based on assessment and ordered parameters
  - e. Handle and administer high-risk medications safely
  - f. Monitor intravenous infusion and maintain site
  - g. Administer medications for pain management
  - h. Handle and administer controlled substances within regulatory guidelines
  - i. Administer parenteral nutrition and evaluate client response
7. Reduction of Risk Potential
  - a. Continue practice of all concepts taught in NURS 2 and NURS 5.
8. Physiological Adaptation
  - a. Monitor and maintain devices and equipment used for drainage (e.g., surgical wound drains, chest tube suction, negative pressure wound therapy)
  - b. Perform suctioning Perform wound care and dressing change
  - c. Provide ostomy care and education (e.g., tracheal, enteral)
  - d. Provide pulmonary hygiene (e.g., chest physiotherapy, incentive spirometry)
  - e. Manage the care of a client on telemetry
  - f. Educate client regarding an acute or chronic condition
  - g. Evaluate the effectiveness of the treatment plan for a client with an acute or chronic diagnosis
  - h. Perform emergency care procedures
  - i. Identify pathophysiology related to an acute or chronic condition
  - j. Recognize signs and symptoms of client complications and intervene

## V. Assignments

### A. Appropriate Readings

1. Nursing Journals
2. Case Studies
3. Instructor Handouts

### B. Writing Assignments

- Handwritten drug cards
- Written essay

### C. Expected Outside Assignments

- Mastery level of 6 on the CoursePoint
- Group Projects
- Students will be required to complete two hours of outside-of-class homework for each hour of lecture.

### Specific Assignments that Demonstrate Critical Thinking

- Handwritten drug cards
- Case Studies
- Mastery level of 6 on the CoursePoint

## VI. Methods of Evaluation

- Participation
- Written essay
- Handwritten drug cards
- Mastery level 6 on the CoursePoint
- Midterm
- Final with a grade of 75% or above

## VII. Methods of Delivery

Check those delivery methods for which this course has been separately approved by the Curriculum/Academic Standards Committee.

X	Traditional Classroom Delivery		Correspondence Delivery
	Hybrid Delivery		Online Delivery

### Traditional Classroom Delivery

Lecture, discussion, audio/visual aids, demonstration, group exercises, guest speakers, lab, individualized programs and other as needed.

## VIII. Representative Texts and Supplies

### Required

Craig, G. P. (2020). *Clinical calculations made easy* (7<sup>th</sup> ed.). Wolters Kluwer. ISBN: 9781975103736

Eliopoulos, C. (2022). *Gerontological Nursing* (10<sup>th</sup> ed.). Wolters Kluwer. ISBN: 978-1-9751-6100-2

Hinkle, J.L., Cheever, K.H., & Overbaugh, K.J. (2022). *Brunner and Suddarth's Textbook of medical-surgical nursing* (15<sup>th</sup>ed). Wolters Kluwer. ISBN: 978-1-9751-6103-3  
- CoursePoint access required

Karch, A. M. (2020). *Focus on nursing pharmacology* (8<sup>th</sup> ed.). Wolters Kluwer. ISBN: 978-1-9751-0096-4  
- CoursePoint access required

Vallerand, A.H., & Sanoski, C.A. (2023). *Davis's drug guide for nurses* (18<sup>th</sup> ed.). F.A. Davis. ISBN: 978-1719646406  
- CoursePoint access required

#### Recommended

American Psychological Association. (2020). *Publication manual of the American Psychological Association* (7<sup>th</sup> ed.). American Psychological Association. ISBN: 978-1-4338-3215-4

Lynn, P. (2019). *Taylor's clinical nursing skills: A nursing process approach* (5<sup>th</sup> ed.). Wolters Kluwer. ISBN: 9781496384881  
- CoursePoint access recommended

## **IX. Discipline/s Assignment**

Nursing

## **X. Course Status**

Current Status: Active

Original Approval Date: 10/04/2022

Course Originator:

Board Approval Date: 11/08/2022

Chancellor's Office Approval Date: 12/07/2022

Revised By: Heidi Gray, Christi Myers, Celeste Wisser

Curriculum/Academic Standards Committee Revision Date: 10/3/2023