

Lassen Community College Course Outline

NURS 13 Medical Surgical IV

3 Units

I. Catalog Description

This course is a continuation of NURS 2, NURS 5, and NURS 9, focusing on complex medical/surgical conditions of the high acuity patient. Builds on medical/surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered nursing care. Discusses developmentally and culturally diverse young, middle and older adult patients experiencing high acuity medical/surgical conditions. Incorporates evidence-based practice, quality improvement, professional standards interdisciplinary teams, and legal/ethical and leadership responsibilities of the professional nurse as applied in high acuity settings. Application of knowledge and skills occurs in a variety of clinical settings. This course includes integrated medical/surgical, psychiatric, and geriatric concepts with 25 hours of instruction focused on general medical/surgical populations and 26 hours of instruction focused on geriatric populations with integrated mental health disorders. 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 13 is offered as a concurrent course with NURS 14, NURS 15, NURS 16, and NURS 17 during the fourth 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), Medical Surgical III (NURS 9), Advanced Maternal Child (NURS 10), Clinical Placement III (NURS 11), Nursing Lab III (NURS 12) all completed with a grade of C or better.

Corequisite(s): Clinical Practice IV (NURS 14), Nursing Lab IV (NURS 15), Registered Nursing Comprehensive Review (NURS 16), Management and Leadership (NURS 17).

Transfer Status: CSU

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

Scheduled: Spring

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. Compare and contrast leadership approaches used in the acute medical/surgical setting.
2. Identify safe, effective, efficient, culturally sensitive nursing care to patients in the medical/ surgical and behavioral health settings.
3. Describe the current techniques and strategies for assessing and providing evidence-based nursing care to adults with increasingly complex alterations in health within the context of identified concepts.

B. Course Objectives

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

1. Analyze the application of professional, legal, and ethical guidelines as a professional nurse in the care of patients with high acuity medical/surgical conditions.
2. Develop interprofessional health care team and patient advocate skills while providing quality care that promotes patient safety for adults with medical/surgical and behavioral health alternations.

IV. Course Content

A. Outline of Topics

1. Digestive and Gastrointestinal Function
 - a. Review assessment of Digestive and Gastrointestinal Function
 - b. Advanced care of patients with oral and esophageal disorders
 - c. Advanced care of patients with gastric and duodenal disorders
 - d. Advanced care of patients with intestinal and rectal disorders
 - e. Geriatric Considerations
2. Metabolic and Endocrine Function
 - a. Advanced care of patients with hepatic disorders
 - b. Advanced care of patients with biliary disorders
 - c. Advanced care of patients with endocrine disorders
 - d. Advanced care of patients with diabetes
 - e. Geriatric Considerations
3. Kidney and Urinary Tract Function
 - a. Review assessment of Kidney and Urinary Tract Function
 - b. Advanced care of patients with kidney disorders
 - c. Advanced care of patients with urinary disorders
 - d. Geriatric Considerations
4. Reproductive Function
 - a. Advanced care of patients with female reproductive disorders
 - b. Advanced care and management of patients with breast disorders
 - c. Advanced care and management of patient with male reproductive disorders
 - d. Ethical and legal discussion regarding patient who are LGBTQ
 - e. Geriatric Considerations
5. Integumentary Function

- a. Review assessment of Integumentary Function
 - b. Advanced care of patients with dermatologic disorders
 - c. Advanced care of patients with burn injury
 - d. Geriatric Considerations
6. Sensory Function
- a. Advanced care and management of patients with eye and vision disorders
 - b. Advanced care and management of patients with hearing and balance disorders
 - c. Geriatric Considerations
7. Neurologic Function
- a. Review assessment Neurologic Function
 - b. Advanced care of patients with neurologic dysfunction
 - c. Advanced care of patients with neurovascular disorders
 - d. Advanced care of patients with neurologic trauma
 - e. Advanced care of patients with neurologic infections, autoimmune disorders and neuropathy
 - f. Advanced care of patients with oncologic or degenerative neurologic disorders
 - g. Geriatric Considerations
8. Acute Community Based Challenges
- a. Critical thinking in emergency nursing
 - b. Critical thinking and management disaster nursing
9. Psychiatric Mental Health Nursing
- a. Current Theories and Practice
 - b. Building the Nurse- Client Relationship
 - c. Current Social and Emotional Concerns
 - d. Nursing Practice for Psychiatric Disorders
 - e. Alcohol and Chemical Dependency

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.
- 4. Psychosocial Integrity
 - a. All past taught concepts and:
 - b. Assess client for abuse or neglect and report, intervene, and/or escalate
 - c. Incorporate behavioral management techniques when caring for a client
 - d. Assess client for substance abuse and/or toxicities and intervene as appropriate (e.g., dependency, withdrawal)
 - e. Assess client's ability to cope with life changes and provide support
 - f. Assess the potential for violence and use safety precautions
 - g. Incorporate client cultural practices and beliefs when planning and providing care
 - h. Assess client support system to aid in plan of care
 - i. Provide care for a client experiencing grief or loss

- j. Provide care and education for acute and chronic psychosocial health issues (e.g., addictions/dependencies, depression, dementia, eating disorders)
 - k. Assess psychosocial factors influencing care and plan interventions (e.g., occupational, spiritual, environmental, financial)
 - l. Provide appropriate care for a client experiencing visual, auditory, and/or cognitive alterations
 - m. Recognize non-verbal cues to physical and/or psychological stressors
- 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 NURS 10.
- 7. Reduction of Risk Potential
 - a. Continue practice of all concepts taught in NURS 2 and NURS 5 with the additions of the following:
 - b. Obtain blood specimens
 - c. Insert, maintain, or remove a peripheral intravenous line
 - d. Maintain percutaneous feeding tube
 - e. Use precautions to prevent injury and/or complications associated with a procedure or diagnosis
 - f. Provide preoperative and postoperative education
 - g. Provide preoperative care
 - h. Manage client during a procedure with moderate sedation
 - i. Manage client following a procedure with moderate sedation
- 8. Physiological Adaptation
 - a. Continue practice of all concepts taught in NURS and with the additions of the following:
 - b. Assist with invasive procedures (e.g., central line, thoracentesis, bronchoscopy)
 - c. Implement and monitor phototherapy
 - d. Maintain optimal temperature of client
 - e. Monitor and care for clients on a ventilator
 - f. Perform and manage care of client receiving peritoneal dialysis
 - g. Provide postoperative care Manage the care of the client with a fluid and electrolyte imbalance
 - h. Monitor and maintain arterial lines
 - i. Manage the care of a client with a pacing device
 - j. Manage the care of a client receiving hemodialysis or continuous renal replacement therapy
 - k. Manage the care of a client with alteration in hemodynamics, tissue perfusion, and hemostasis
 - l. Manage the care of a client with impaired ventilation/oxygenation

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 7 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 7 on the CoursePoint

VI. Methods of Evaluation

- Participation
- Written essay
- Handwritten drug cards
- Mastery level 7 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* (7th ed.). Wolters Kluwer. ISBN: 9781975103736

Hinkle, J.L., Cheever, K.H., & Overbaugh, K.J. (2022). *Brunner and Suddarth’s Textbook of medical-surgical nursing* (15thed). Wolters Kluwer. ISBN: 978-1-9751-6103-3

- CoursePoint access required

Karch, A. M. (2020). *Focus on nursing pharmacology* (8th 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* (18th ed.). F.A. Davis. ISBN: 978-1719646406

- CoursePoint access required

Videbeck, S. L. (2020). *Psychiatric-mental health nursing* (8th ed.). Wolters Kluwer. ISBN: 978-1-975116-37-8

Weber, J.R. & Kelley, J.H. (2022). *Health assessment in nursing* (7th ed.). Wolters Kluwer. ISBN: 978-1-9751-6115-6.

-CoursePoint access required

Recommended

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

Lynn, P. (2019). *Taylor's clinical nursing skills: A nursing process approach* (5th 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, Celeste Wiser, Christi Myers

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