

Lassen Community College Course Outline

NURS 12 Nursing Lab III

2 Units

I. Catalog Description

This course is designed to reinforce intermediate/advanced skills and facilitate learning of third-semester medication administration including intravenous routes. The student focuses on providing safe, quality, patient-centered care to the caring for maternal, newborn, and pediatric, young, middle and older adult patient experiencing pathophysiological alterations requiring medical and/or surgical interventions. Students will utilize individualized, peer, group, and computer mediated instruction. Incorporates cognitive, technical, interpersonal, and ethical/legal skills into safe and effective person-centered care. Skills performed in the nursing laboratory on campus facilitate the transfer of knowledge from the classroom to the clinical setting. The State of California requires that this course maintain an instructor-to-student ratio of 1/10. 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 12 is offered as a concurrent course with NURS 9, NURS 10, and NURS 11 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): Medical Surgical III (NURS 9), Advanced Maternal Child (NURS 10), Clinical Placement III (NURS 11).

Transfer Status: CSU

102 Hours of Laboratory: 102 Total Student Learning Hours

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. Analyze evidence-based nursing care in simulation for obstetric patients.
2. Prioritize multiple patients' needs across the lifespan using a variety of skills using high-fidelity simulation.
3. Perform high-stake selected procedures safely and accurately in a low-risk environment.
4. Demonstrate medication administration safely in a simulated environment using the 7 rights and 3 checks.

Course Objectives

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

1. Demonstrate competency in simulated scenarios by using specialized nursing skills and interventions utilizing principles of safety.
2. Differentiate normal and abnormal assessment findings in a comprehensive physical assessment in medical/surgical, obstetrics, and gerontological patients.
3. Apply nursing diagnosis and interventions into the plan of care using high-fidelity simulated patients.

IV. Course Content

A. Outline of Topics

1. Medications
 - a. Administering medication intravenous bolus or push through an intravenous infusion
 - b. Administering medication intravenous bolus or push through a medication or drug infusion lock
 - c. Administering a piggyback intermittent intravenous infusion of medication
 - d. Administering an intermittent intravenous infusion of medication via a mini-infusion pump
2. Urinary Elimination
 - a. Caring for suprapubic catheter
 - b. Caring for peritoneal dialysis catheter
 - c. Caring for hemodialysis access
3. Bowel Elimination
 - a. Digital removal of stool
 - b. Inserting a nasogastric tube
 - c. Irrigating a nasogastric tube
 - d. Removal of a nasogastric tube
4. Oxygenation
 - a. Suction tracheostomy: open system
 - b. Providing care of a tracheostomy tube
 - c. Providing care of a chest draining system
 - d. Assisting in removal of a chest tube
5. Geriatric Assessment
 - a. Activities of Daily Living Scale
 - b. Safety Assessment
 - c. Nutrition Assessment
 - d. Urinary and Bowel Elimination Assessment
 - e. Pain Assessment

- f. Depression Scale
- g. Oral Health Assessment
- h. Physical Exam
- i. Age Related Abnormalities
- 6. Advanced Maternity
 - a. Leopold Maneuver
 - b. McRoberts Maneuver
 - c. Fetal Heart Assessment
 - d. Cervical Examination
 - e. Effacement and Dilation Assessment
 - f. Assessing Contraction Patterns
 - g. Oxytocic agent and Tocolytics Medications
 - h. Monitoring High Risk Labor
 - i. Managing Postpartum Hemorrhage
- 7. Advanced Newborn Assessment
 - a. Assign APGAR
 - b. Abstinence Scoring
 - c. Newborn resuscitation
 - d. Newborn testing
 - e. Ballard's Score
 - f. Glucose Checks
 - g. Newborn medications administration
 - h. Monitoring intravenous infusions
 - i. Assisting with newborn feeding
- 8. Child and Adolescent
 - a. Physical Development
 - b. Motor Development
 - c. Sensory Perception
 - d. Growth and Development Theory
 - e. Interviewing Parent and Child
 - f. Personal Health History
 - g. Lifestyle and Health Practices
 - h. Physical Examination
 - i. Immunization Administration
 - j. Drug, Alcohol, Sexual Practice Education

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

. Appropriate Readings

- Instructor Handouts
- Journal Articles

A. Writing Assignments

- Handwritten drug cards
- Written Lab Reflections

B. Expected Outside Assignments

- vSim – Virtual Simulations

Specific Assignments that Demonstrate Critical Thinking

- vSim – Virtual Simulations
- Documentation
- Handwritten drug cards

VI. Methods of Evaluation

- Participation
- Skills checkoff
- Simulation
- vSim – Virtual Simulations
- Documentation
- Intravenous/maternal/pediatric dosage calculation test with 100%.
- Skills Final
- Computerized Final

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

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

Fischbach, F. T., Fischbach, M. A., & Stout, K. (2021). *Fischbach's A manual of laboratory and diagnostic tests* (11th ed.). Philadelphia, PA: Lippincott Williams & Wilkins. ISBN: 978-1975173425

Karch, A. M. (2020). *Focus on nursing pharmacology* (8th ed.). Wolters Kluwer. ISBN: 978-1-9751-0096-4

- CoursePoint access required

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

- CoursePoint access required

Lynn, P. (2019). *Taylor's clinical nursing skills: A nursing process approach* (5th ed.). Wolters Kluwer. ISBN: 9781496384881

- CoursePoint access required

Silbert-Flagg, J. (2023). *Maternal & child health nursing; Care of the childbearing & childrearing family* (9th ed.). Wolters Kluwer. ISBN: 9781975161088.

-CoursePoint access required

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

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

-CoursePoint access required

Required Uniform & Supplies Included in Lab Fee in RN (Fee collected in RN 3)

1. Lassen Community College Nursing Uniforms
2. Nursing Kit
 - i. Nursing Pocket Pack
 - ii. Medical Scissors
 - iii. Pen Light
 - iv. Stethoscope
3. Liability Insurance

Required Uniform & Supplies NOT Included in Lab Fee

1. Non-slip cleanable nursing shoes (White)
2. Analog watch with second hand (no digital)
3. 2-inch binder with 24 dividers

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