

Lassen Community College Course Outline

NURS 8 - Nursing Lab II

1 Units

I. Catalog Description

This course is designed to reinforce basic/intermediate skills and facilitate learning of second-semester medication administration concepts and providing safe, quality, patient-centered care to the maternal, newborn, and pediatric, young, middle and older adult patient experiencing pathophysiological alterations requiring medical and/or surgical interventions. Students will practice skills through 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 8 is offered as a concurrent course with NURS 5, NURS 6, and NURS 7 during the second 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), all completed with a grade of C or better.

Corequisite(s): Medical Surgical II (NURS 5), Introduction to Maternal Child (NURS 6), Clinical Practice II (NURS 7).

Transfer Status: CSU

51 Hours of Laboratory: 51 Total Hours of Student Learning

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. Applies evidence-based nursing care to simulation patients in the skills lab setting.
2. Prioritize multiple patients' needs using a variety of skills in a simulated clinical setting.
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.

B. Course Objectives

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

1. Demonstrate competency in simulated scenarios by using nursing skills and interventions utilizing principles of safety.
2. Differentiate normal and abnormal assessment findings in a comprehensive physical assessment.
3. Apply nursing diagnosis and interventions into the plan of care of simulated patients.

IV. Course Content

A. Outline of Topics

1. Safety
 - a. Restraints
2. Activity
 - a. Assisting with cast application
 - b. Caring for the cast
 - c. Skin and skeletal traction
3. Nutrition
 - a. Confirming placement of nasogastric tube
 - b. Administering tube feeding
 - c. Caring for a gastrostomy tube
4. Medications
 - a. Administering through a gastric tube
 - b. Administering a continuous subcutaneous infusion: using an insulin pump
 - c. Administering medications via inhalation
 - d. Administering vaginal and rectal medication
5. Skin Integrity and Wound Care
 - a. Irrigation of wound
 - b. Dressing change
 - c. Removing sutures and staples
 - d. Negative pressure wound therapy
6. Comfort and Pain Management
 - a. Patient controlled analgesic
 - b. Epidural analgesic
 - c. Continuous wound perfusion pain management
7. Urinary Elimination
 - a. Applying external urinary sheath
 - b. Catheterization of the male and female bladder
 - c. Removing indwelling urinary catheter
 - d. Bladder irrigation
 - e. Emptying and changing a stoma appliance of urinary diversion
8. Bowel Elimination

- a. Administering an enema
 - b. Applying an incontinence collection device
 - c. Irrigating a colostomy
9. Oxygenation
- a. Administering oxygen via nasal cannula and mask
 - b. Suctioning oral and nasopharyngeal airways
 - c. Inserting an oropharyngeal airway
 - d. Using a manual resuscitation bag and mask
10. Neurological Care
- a. Two-piece cervical collar
 - b. Seizure precautions and management
11. Fluid, Electrolyte, and Acid-Base Balance
- a. Initiation of peripheral venous access
 - b. Initiation of peripheral venous access infusion
 - c. Monitoring an intravenous site and infusion
 - d. Changing an intravenous solution container and administration set
 - e. Changing a peripheral access site dressing
 - f. Saline lock peripheral access device
12. Conduct Maternal Health History Interview
- a. Prenatal Care
 - b. Antepartum Care
 - c. Postpartum Care
13. Physical Assessment on a Pregnant Patient
- a. Vital Signs, Height, Weight
 - b. Skin, Hair, and Nails
 - c. Head and Neck
 - d. Eyes
 - e. Ears
 - f. Mouth, Throat and Nose
 - g. Thorax and Lungs
 - h. Breasts
 - i. Heart
 - j. Peripheral Vascular
 - k. Abdomen
 - i. Palpate for fetal movement
 - ii. Palpate for uterine contractions
 - iii. Palpate the abdomen
 - iv. Fundal Height
 - v. Fetal Position
 - vi. Fetal Heart Monitoring
 - l. External Genitalia
 - m. Internal Genitalia
 - n. Anus and Rectum
 - o. Musculoskeletal
 - i. Safety
 - ii. Pelvic adequacy for vaginal delivery
 - iii. Calculate the obstetric conjugate
14. Four Stages of Labor

- a. Breathing Exercises, Pain management, Positioning
 - b. Fundal Assessment
 - c. Apgar
 - d. Bonding
 - e. Chest feeding / Bottle Feeding
15. Health Assessment of Newborns and Infants
- a. Interviewing Parents
 - i. Personal Health History
 - ii. Family History
 - iii. Lifestyle and Health Practices
 - b. Physical Assessment
 - i. Newborn and Infants Vital Signs
 - ii. Measure Length and Weight
 - iii. Head and Chest Circumference
 - iv. Skin, Hair, Nails
 - v. Head and Neck
 - vi. Eyes and Vision
 - vii. Ears and Hearing
 - viii. Mouth, Throat, Nose and Sinus
 - ix. Thorax and Lungs
 - x. Heart and Neck Vessels Peripheral Vascular System
 - xi. Abdomen
 - xii. Genitalia
 - xiii. Anus and Rectum
 - xiv. Musculoskeletal System
 - xv. Neurologic System
 - c. Newborn Reflexes
 - d. Principles of growth and development

B. Link to Nursing Practice

1. Management of Care
 - a. Integrate advance directives into client plan of care
 - b. Delegate and supervise care of client provided by others (e.g., LPN/VN, assistive personnel, other RNs)
 - c. Organize workload to manage time effectively
 - d. Practice and advocate for cost effective care Initiate, evaluate and update client plan of care
 - e. Provide education to clients and staff about client rights and responsibilities
 - f. Advocate for client rights and needs
 - g. Collaborate with multi-disciplinary team members when providing client care (e.g., physical therapist, nutritionist, social worker)
 - h. Manage conflict among clients and health care staff
 - i. Maintain client confidentiality and privacy Provide and receive hand off of care (report) on assigned clients Use approved terminology when documenting care
 - j. Perform procedures necessary to safely admit, transfer and/or discharge a client
 - k. Prioritize the delivery of client care based on acuity
 - l. Recognize and report ethical dilemmas

- m. Practice in a manner consistent with the nurses' code of ethics
 - n. Verify the client receives education and client consents for care and procedures
 - o. Receive, verify and implement health care provider orders
 - p. Utilize resources to promote quality client care (e.g., evidence-based research, information technology, policies and procedures)
 - q. Recognize limitations of self and others and utilize resources
 - r. Report client conditions as required by law (e.g., abuse/neglect and communicable diseases) Provide care within the legal scope of practice
 - s. Participate in performance improvement projects and quality improvement processes
 - t. Assess the need for referrals and obtain necessary orders
2. Safety and Infection Control
 - a. Continue practice of all concepts taught in NURS 2.
 3. Health Promotion and Maintenance
 - a. Provide care and education for the newborn, infant, and toddler client from birth through 2 years
 - b. Provide care and education for the preschool, school age and adolescent client ages 3 through 17 years
 - c. Provide prenatal care and education Provide care and education to an antepartum client or a client in labor
 - d. Provide post-partum care and education
 - e. Assess and educate clients about health risks based on family, population, and community
 - f. Assess client's readiness to learn, learning preferences, and barriers to learning
 - g. Plan and/or participate in community health education
 - h. Educate client about preventative care and health maintenance recommendations
 - i. Provide resources to minimize communication barriers
 - j. Perform targeted screening assessments (e.g., vision, nutrition, depression)
 - k. Educate client about prevention and treatment of high risk health behaviors
 - l. Assess client ability to manage care in home environment and plan care accordingly
 - m. Perform comprehensive health assessments
 4. Psychosocial Integrity
 - a. Concepts covered in general, covered in NURS 9 and NURS 13.
 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.
 7. Reduction of Risk Potential
 - a. Continue practice of all concepts taught in NURS 2 with the additions of the following:
 - b. Insert, maintain, or remove a nasal/oral gastrointestinal tube
 - c. Insert, maintain, or remove a urinary catheter
 - d. Evaluate client responses to procedures and treatments

- e. Recognize trends and changes in client condition and intervene as needed
 - f. Perform focused assessments
 - g. Educate client about treatments and procedures
8. Physiological Adaptation
- a. Concepts covered in general, covered in NURS 9 and NURS 13.

V. Assignments

A. Appropriate Readings

Instructor Handouts

Journal Articles

B. Writing Assignments

- Handwritten drug cards
- Written Lab Reflections

C. 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
- 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

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

Weber, R., Kelley, J. (2022). *Health Assessment in Nursing* (7th ed.). Wolters Kluwer. ISBN: 978-1-9751-6115-6
CoursePoint access required

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

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