

# Lassen Community College Course Outline

## VN-52 Clinical Lab I

7.0 Units

### I. Catalog Description

Application of basic nursing skills in a laboratory setting and experience in giving supervised nursing care to selected patients in health care facilities. Total clinical hours are 357. Clinical hours may vary from week to week. Access to a computer with internet access is required. Students must complete all course hours and must achieve a 75% on their final class grade and must achieve a final exam grade of 75% or better to be eligible to remain in the nursing program. This course has been approved for hybrid delivery and online delivery for emergency use only. If course is provided hybrid or online, per the board of nursing students must be displayed on camera throughout entire course.

#### **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.*

**Corequisite(s):** VN 50 &VN 51

Does not transfer to UC/CSU

357 Hours Clinical Lab, 357 Total Student Learning Hours.

### II. Coding Information

Repeatability: Not Repeatable, Take 1 Time

Grading Option: Graded

Credit Type: Credit - Degree Applicable

TOP Code: 123020

### III. Course Objectives

#### A. Course Student Learning Outcomes

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

1. Demonstrate safe and appropriate nursing skills consistent with beginning level nursing.
2. Demonstrate the ability to prioritize nursing care of patients consistent with beginning level nursing.
3. Communicate with patients, family members, physicians and clinical site staff regarding the patient's health status at a level consistent with beginning level nursing.
4. Demonstrate safe and accurate medication administration.

#### B. Course Objectives

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

1. Demonstrate beginning level nursing skills and safety
  - a. Demonstrate safe environment precautions for patients
  - b. Demonstrate safe environment precautions for nursing staff
2. Demonstrate medical asepsis and infection control
  - a. Describe causes of infection
  - b. Describe chain of infection

- c. Describe types of infections
  - d. Demonstrate defenses against infection
  - e. Demonstrate infection prevention techniques
3. Demonstrate basic patient personal care
  - a. Demonstrate routinely scheduled care
  - b. Demonstrate bathing of patient
  - c. Demonstrate grooming
  - d. Demonstrate appropriate management of environment
4. Demonstrate safe moving and positioning of patients
  - a. Describe the effects of immobility
  - b. Demonstrate safe positioning of patients
  - c. Demonstrate safe moving and lifting of patients
5. Assess and document vital signs
  - a. Describe the six vital signs
  - b. Demonstrate proper assessment and documentation of blood pressure
  - c. Demonstrate proper assessment and documentation of body temperature
  - d. Demonstrate proper assessment and documentation of pulses
  - e. Demonstrate proper assessment and documentation of respirations
  - f. Demonstrate proper assessment and documentation of oxygen saturation
  - g. Demonstrate proper assessment and documentation of pain assessment
6. Demonstrate appropriate applications of heat and cold
  - a. Demonstrate proper nursing care related to heat therapy
  - b. Demonstrate proper nursing care related to cold therapy
7. Discuss pain management, rest and restorative sleep
  - a. Describe aspects of pain
  - b. Describe rest and restorative sleep
8. Demonstrate admission, transfer and discharge procedures
  - a. Demonstrate admitting procedures
  - b. Demonstrate discharge procedures
  - c. Demonstrate patient transfer procedures
9. Demonstrate physical assessments
  - a. Describe physical assessments
  - b. Describe assessment components related to each body system
  - c. Perform initial head to toe shift assessment
  - d. Document assessment findings
10. Demonstrate surgical asepsis
  - a. Describe disinfection and sterilization
  - b. Display principles of sterile techniques
11. Discuss the principles of nutrition
  - a. Describe essential nutrients and their general function
  - b. Describe nutritional deficiencies and excess
  - c. Describe nutritional needs over a life span
  - d. Describe cultural influence on nutrition
12. Discuss nutritional care and support
  - a. Discuss supporting nutritional intake
  - b. Identify therapeutic diets
  - c. Discuss eating disorders
  - d. Discuss food-drug interactions
  - e. Demonstrate use of enteral tubes
  - f. Demonstrate gastric decompression
  - g. Demonstrate proper enteral nutrition administration

- h. Describe complications associated with tube feedings
- i. Discuss parenteral nutrition
- 13. Demonstrate diagnostic testing
  - a. Describe the nurses role in diagnostic testing
  - b. Discuss categories of diagnostic testing
- 14. Demonstrate wound care techniques
  - a. Discuss types of wounds
  - b. Describe contamination of wounds
  - c. Demonstrate appropriate care of pressure ulcers
  - d. Describe other wounds found in hospitalized patients
  - e. Describe factors of wound healing
  - f. Demonstrate wound treatment
  - g. Demonstrate measurement of wounds and observation of drainage
  - h. Demonstrate wound cleaning
  - i. Demonstrate wound dressings
  - j. Document wound care
- 15. Demonstrate musculoskeletal care
  - a. Discuss musculoskeletal conditions resulting in limited mobility
  - b. Demonstrate care of immobilized patients
  - c. Demonstrate use of assistive devices for ambulation
- 16. Discuss respiratory care
  - a. Describe normal oxygenation
  - b. Describe impaired oxygenation
- 17. Discuss fluids, electrolytes and acid-base balance relevance to clinical care
- 18. Describe bowel elimination and care
  - a. Discuss alterations in bowel elimination
  - b. Discuss promotion of bowel elimination
  - c. Display management of alterations in elimination
  - d. Discuss alternative bowel elimination
- 19. Discuss urinary elimination and care
  - a. Discuss normal urinary elimination
  - b. Assess urine and urinary output
  - c. Assess alterations in urinary function
  - d. Demonstrate care for patients with altered urinary function
- 20. Describe aging and care for elderly patients
  - a. Discuss physical effects of aging
  - b. Discuss psychological problems with aging
  - c. Describe positive aspects of aging
  - d. Describe long term care nursing
  - e. Demonstrate physical assessment of the older adult
  - f. Describe issues of polypharmacy in elderly
- 21. Demonstrate care of the surgical patient
  - a. Demonstrate preoperative and postoperative care of the surgical patient
- 22. Demonstrate research and administration of medications
  - a. Discuss fundamentals of medications
  - b. Demonstrate preparation and administration of medications
  - c. Demonstrate identification of medication errors
- 23. Demonstrate administration of oral, topical, and mucosal medication
- 24. Demonstrate administration of intradermal, subcutaneous, and intramuscular injections.

#### **IV. Course Content**

1. Beginning level nursing skills and safety
2. Medical asepsis and infection control
3. Basic patient personal care
4. Safe moving and positioning of patients
5. Vital signs
6. Application of heat and cold
7. Pain management, rest and restorative sleep
8. Admissions, transfers and discharge
9. Physical assessment
10. Surgical asepsis
11. Nutrition
12. Nutritional care and support
13. Diagnostic testing
14. Wound care
15. Musculoskeletal care
16. Respiratory care
17. Fluid, electrolyte, and acid base balance in clinical care
18. Bowel elimination and care
19. Urinary elimination and care
20. Aging and care of elderly
21. Care of the surgical patient
22. Researching and preparing medications
23. Oral, topical, and mucosal medication
24. Intradermal, subcutaneous, and intramuscular injections.

#### **V. Assignments**

##### **A. Appropriate Readings**

Representative texts as assigned by instructor.

##### **B. Writing Assignments**

Pathophysiology and care plans on selected patients in skills lab and clinical setting.

##### **C. Expected Outside Assignments**

Weekly workbook assignments or online assignments

##### **D. Specific Assignments that Demonstrate Critical Thinking**

Clinical skill demonstration and completion of clinical checklists

Application of nursing theory demonstrated in providing care to a variety of patients.

Using the nursing process to assess, plan, implement and evaluate patient care.

#### **VI. Methods of Evaluation**

The student must maintain a 75% in the class and must pass any midterm or final exams with a 75% or better to continue on in the nursing program.

##### **Traditional Classroom Instruction**

Term paper (topic choice, thesis statement, outline, bibliography, rough draft, final draft), homework, classroom discussion, essay, journals, lab demonstrations and activities, multiple choice quizzes, and participation.

##### **Hybrid Evaluation**

All quizzes and exams will be administered during the in person class time. Students will be expected to complete online assignments and activities equivalent to in class assignments and activities for the online portion of the course. Electronic communication, both synchronous and

asynchronous (chat/forum) will be evaluated for participation and to maintain effective communication between instructor and students.

### **Online Evaluation**

A variety of methods will be used, such as: research papers, asynchronous and synchronous (chat/forum) discussions, online quizzes and exams, posting to online website and email communications using the districts approved learning management system.

## **VII. Methods of Delivery**

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

Traditional Classroom Delivery     Correspondence Delivery

Hybrid Delivery                               Online Delivery

### **Traditional Classroom Instruction**

Lecture, PowerPoint, and other media presentations, discussions, scenarios, and group presentations.

### **Hybrid Delivery for Courses with a Lab**

Hybrid modality may involve face to face instruction mixed with online instruction. A minimum of 1/3 of instruction, including 100% labs, will be provided face to face. The remaining hours will be taught online through a technology platform as adopted by the district.

### **Online Delivery**

A variety of methods will be used, such as: research papers, asynchronous and synchronous (chat/forum) discussions, online quizzes and exams, posting to online website and email communications using the districts approved learning management system.

## **VIII. Representative Texts and Supplies**

ALL previously required program resources may be used in this course.

Lippincott CoursePoint for Timby's Introductory Medical-Surgical Nursing, 12<sup>th</sup> Edition  
**ISBN: 978-1-975132-09-5**

vSim for Nursing | Medical-Surgical  
(Next Generation)  
**ISBN:978-1-975-19243-3**

vSim for Nursing | Mental Health  
**ISBN: 978-1-9751-75924**

1. Uniform and Supplies:
  - a. LCC Nursing uniform
  - b. Nursing shoes (White)
  - c. Watch with second hand
  - d. Nursing kit
    - i. Nursing scissors
    - ii. Pen light
    - iii. Stethoscope
2. Liability insurance

3. My Clinical Exchange account
4. Clinical clearance vaccinations, tests, screenings and exams

*This course is approved by the Board of Vocational Nursing and Psychiatric Technicians for delivery to 15 students per state approve instructor.*

**IX. Discipline/s Assignment**

Licensed Vocational Nursing, Nursing

**X. Course Status**

Current Status: Active

Original Approval Date: 5/26/2005

Revised By: Christi Myers

Curriculum/Academic Standards Committee Revision Date: 11/29/2022