

BUTTE COLLEGE

COURSE OUTLINE

I. CATALOG DESCRIPTION

NSG 55 - Medical Surgical Nursing I

3 Unit(s)

Prerequisite(s): Admission to Associate Degree Nursing Program

Co-requisite(s): NSG 54, NSG 56 and NSG 57

Recommended Prep: NONE

Transfer Status: CSU

51 hours Lecture

This course examines the pathophysiological foundations of health and disease and introduces the role of the nursing process in the maintenance, restoration and promotion of health. Emphasis is placed on developing familiarity with the role of the professional nurse: gathering information, formulating nursing diagnoses, planning interventions, implementation or care, medication administration, and evaluation of outcomes. Graded only.

II. OBJECTIVES

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

- A. Describe standards of professional practice and define legal, ethical, and regulatory considerations in the delivery of care.
- B. Identify how disease and illness affects the ability to communicate.
- C. Describe how to perform both a comprehensive and focused functional health assessment.
- D. Identify assessment information that can be used to develop a plan of care based on the nursing process.
- E. Describe how to adapt the plan of care to respect cultural values, customs, and habits.
- F. Apply the nursing process to various disease conditions.
- G. Develop an individualized plan of care based on pathophysiological foundation of disease/illness.
- H. Discuss life span considerations, the nursing process and dosage calculation in the administration of medications.
- I. Describe the nursing role in supporting collaboration between professional health care providers, clients and family.
- J. Identify the management strategies necessary to assist clients in maintaining, restoring or promoting health and wellness.

III. COURSE CONTENT

A. Unit Titles/Suggested Time Schedule

Lecture	
<u>Topics</u>	<u>Hours</u>
1. Legal Ethical Considerations	2.00
2. Error Prevention	1.00
3. Over the Counter and Herbal preparations	1.00
4. Life Span Considerations	2.00
5. Pharmacological Principles	3.00
6. Dosage calculations	8.00
7. Nursing care for a client with skin disorders	4.00
8. Nursing care caring for a client with musculoskeletal disorders	6.00

9. Nursing care for a client with gastrointestinal disorders	8.00
10. Nursing care for a client with urinary elimination disorders	5.00
11. Nursing care for a client with altered sensation/mobility from a cerebral vascular accident.	4.00
12. Nursing care for a client with diminished oxygen, cardiovascular cause, congestive heart failure	4.00
13. Nursing care for a client with diminished oxygen, respiratory cause, pneumonia.	3.00
Total Hours	51.00

IV. METHODS OF INSTRUCTION

- A. Lecture
- B. Homework: Students are required to complete two hours of outside-of-class homework for each hour of lecture
- C. Discussion
- D. Problem-Solving Sessions
- E. Reading Assignments
- F. Multimedia Presentations

V. METHODS OF EVALUATION

- A. Exams/Tests
- B. Homework
- C. Written Assignments

VI. EXAMPLES OF ASSIGNMENTS

- A. Reading Assignments
 - 1. In the assigned medical/surgical nursing textbook, read the chapter on patients with coronary vascular disorders. Come to class prepared to discuss the reading.
 - 2. In the assigned medical/surgical nursing textbook, read the chapter on assessment of respiratory function. Answer an instructor prepared set of objectives.
- B. Writing Assignments
 - 1. Write a 2 to 3 page paper using APA format describing an aspect of medication errors as described in a class handout.
 - 2. Write a 3 to 4 page paper on Tuberculosis using APA format, addressing assessment, signs and symptoms, and medications used to treat TB.
- C. Out-of-Class Assignments
 - 1. Given a set of medication orders, select appropriate syringes and needles to be used to administer the medications.
 - 2. Set up a teaching plan to help patients learn to correctly take medications when needing to convert one set of measurements to another.

VII. RECOMMENDED MATERIALS OF INSTRUCTION

Textbooks:

- A. Lilley, L.L., Harrington, S., & Snyder, J.S. Pharmacology and The Nursing Process. 6th Edition. Mosby, Elsevier, 2011.
- B. Smeltzer & Bare. Brunner & Suddarth's Textbook of Medical Surgical Nursing. 12th Edition. Lippincott, 2010.
- C. Olsen, J.L., Giangrasso, A.P., & Shrimptom, D. Medical Dosage Calculations. 10th Edition. Prentice Hall, 2011.

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