

BUTTE COLLEGE

COURSE OUTLINE

I. CATALOG DESCRIPTION

NSG 24 - Musculoskeletal Nursing

1 Unit(s)

Prerequisite(s): Admission to Vocational Nursing Program

Co-requisite(s): NSG 18, NSG 21, NSG 22, NSG 23 and NSG 28

Recommended Prep: NONE

Transfer Status: CSU

17 hours Lecture

This course provides a foundation in the study of nursing process, basic physiology and pathophysiology related to adult clients experiencing disorders of the musculoskeletal system. Graded only.

II. OBJECTIVES

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

- A. Describe the basic anatomy, physiology and pathophysiology of the musculoskeletal system.
- B. Utilize the nursing process as applicable to adults experiencing musculoskeletal disorders.
- C. Describe principles, practices, and skills applicable to the nursing care of adults with musculoskeletal conditions.
- D. Explain health maintenance strategies related to musculoskeletal conditions.

III. COURSE CONTENT

A. Unit Titles/Suggested Time Schedule

Lecture	
<u>Topics</u>	<u>Hours</u>
1. Overview of musculoskeletal system	1.00
2. Manifestations of dysfunction	1.00
3. Diagnostic/Radiologic studies	1.00
4. General nursing interventions	3.00
5. Traumatic conditions	4.00
6. Surgical conditions	4.00
7. Infections Inflammations Metabolic disorders	3.00
Total Hours	17.00

IV. METHODS OF INSTRUCTION

- A. Homework: Students are required to complete two hours of outside-of-class homework for each hour of lecture
- B. Assigned Readings
- C. Lecture/Discussion

V. METHODS OF EVALUATION

- A. Exams/Tests
- B. Papers
- C. Homework
- D. Class participation

VI. EXAMPLES OF ASSIGNMENTS

A. Reading Assignments

1. Read the chapter on assessment of the musculoskeletal system in the medical-surgical text book to answer instructor generated objectives. Come to class prepared to discuss these objectives.
2. After reading the chapter in the medical-surgical textbook on connective tissue diseases, come to class prepared to discuss the case study presented at the end of the chapter.

B. Writing Assignments

1. In class, discuss and prioritize nursing actions related to an instructor generated question. Using this information, complete the handout regarding prioritizing care.
2. Complete the instructor prepared case study. Complete the case study objectives using a prepared set of questions using APA format.

C. Out-of-Class Assignments

1. Using an instructor designed worksheet, give a description of and describe the purpose and nursing responsibilities of diagnostic studies of the musculoskeletal system.
2. Using an instructor generated case study presenting a postoperative musculoskeletal patient, complete a care plan that includes two nursing diagnoses using the format presented in the LVN program.

VII. RECOMMENDED MATERIALS OF INSTRUCTION

Textbooks:

- A. Abrams, A. C. . Clinical Drug Therapy Rationales for Nursing Practice. 9th Edition. Philadelphia: Lippincott, 2009.
- B. Deglin, J. H., & Vallerand, A. H. . Davis's Drug Guide. 12th Edition. Philadelphia: F. A. Davis., 2011.
- C. Carpenito-Moyet, L.J. Nursing Diagnosis: Application to Clinical Practice. 13th Edition. Lippincott Williams and Wilkins, 2010.
- D. Kozier, B., Erb, G, Berman, A. & Snyder, S. Fundamentals of Nursing: Concepts, Process, and Practice. 9th Edition. New Jersey: Prentice Hall, 2009.
- E. Lewis, S. M., Heitkemper, M., & Dirksen, S. R. . Medical-Surgical Nursing. 8th Edition. St. Louis: C. V. Mosby, 2011.
- F. Lewis, S. M., Heitkemper, M., & Dirksen, S. R. . Study Guide Medical-Surgical Nursing. 6th Edition. St. Louis: C. V. Mosby, 2004.
- G. Pagana, K. D., & Pagana, T.J. Manual of Diagnostic and Laboratory Tests. 4th Edition. St. Louis, MO: Mosby, 2010.
- H. Thomas, C. L. (Ed.). Taber's Cyclopedic Medical Dictionary. 21th Edition. Philadelphia: F. A. Davis, 2009.

Created/Revised by: Macy Kelly

Date: 02/27/2012