

BUTTE COLLEGE

COURSE OUTLINE

I. CATALOG DESCRIPTION

NSG 18 - Fundamentals of Nursing

3 Unit(s)

Prerequisite(s): Admission to Vocational Nursing Program

Co-requisite(s): NSG 21, NSG 22, NSG 23, NSG 24 and NSG 28

Recommended Prep: NONE

Transfer Status: CSU

51 hours Lecture

This course focuses on the client-centered study of fundamental nursing concepts applicable to all clinical areas in vocational nursing. Graded only.

II. OBJECTIVES

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

- A. Describe principles and procedures for client personal hygiene, comfort and safety in the setting of a therapeutic environment, while observing patient rights.
- B. Explain the principles and procedures for the assessment of vital signs measurements and recognition of basic signs of life.
- C. Discuss basic nursing measures designed to increase or maintain a client's level of activity.
- D. Describe the complications of immobility and nursing actions to prevent or control them.
- E. Explain the concepts of skin integrity and basic nursing principles that promote healing and maintain skin integrity.
- F. Identify basic concepts of fluid, electrolyte, and acid base balance.
- G. Discuss the nursing process related to pain control while recognizing the need to identify cultural differences in pain perception.
- H. Describe basic principles of planning and recording formats: Assessments, documentation, and care planning.
- I. Apply critical thinking processes to nursing assessment and care planning.
- J. Identify the significance of the basic principles of infection control.

III. COURSE CONTENT

A. Unit Titles/Suggested Time Schedule

| Lecture | |
|----------------------------|--------------|
| <u>Topics</u> | <u>Hours</u> |
| 1. Therapeutic Environment | 4.00 |
| 2. Assessment | 7.00 |
| 3. Mobility/Immobility | 6.00 |
| 4. Vital Signs | 8.00 |
| 5. Wounds & Healing | 8.00 |
| 6. Fluid & Electrolytes | 8.00 |
| 7. Planning & Recording | 10.00 |
| Total Hours | 51.00 |

IV. **METHODS OF INSTRUCTION**

- A. Lecture
- B. Class Activities
- C. Homework: Students are required to complete two hours of outside-of-class homework for each hour of lecture
- D. Discussion
- E. Reading Assignments

V. **METHODS OF EVALUATION**

- A. Exams/Tests
- B. Oral Presentation
- C. Group Participation
- D. Written Assignments

VI. **EXAMPLES OF ASSIGNMENTS**

- A. Reading Assignments
 - 1. Read handout: "Fluid and Electrolyte Vocabulary". Be prepared to apply knowledge of terms on course examination.
 - 2. Read the text Kozier, Ch. 11: "Nursing Process, Critical Thinking, Data Collection". Come to class prepared to discuss instructor generated objectives.
- B. Writing Assignments
 - 1. Care Plan Practice #1: Given a vignette of an adult client with a specific disease process and assessment, complete the nursing process care planning form and identify nursing diagnoses appropriate to the client.
 - 2. Systems assessment and narrative charting practice: In groups of 4, have one student role play a client while the other three assess the "client" using a systems assessment format. Individually write a narrative assessment based on the data collected.
- C. Out-of-Class Assignments
 - 1. Read handout "overview of acid-base imbalances" and related text in Kozier's. Complete worksheet identifying the link between specific disease processes and their effect on acid-base balance.
 - 2. Review the handout "fluid and Electrolyte Review" and answer a 40 question handout. Review questions in class prior to exam.

VII. **RECOMMENDED MATERIALS OF INSTRUCTION**

Textbooks:

- A. Abrams, A. C. . Clinical Drug Therapy: Rationales for Nursing Practice . 9th Edition. Philadelphia: Lippincott Williams & Wilkins, 2009.
- B. Deglin, J. H., & Vallerand, A. H. . Davis's Drug Guide . 12th Edition. Philadelphia: F. A. Davis, 2011.
- C. Kozier, B., Erb, G, Berman, A. & Snyder, S.. Fundamentals of Nursing: Concepts, Process and Practice. 9th Edition. New Jersey: Prentice Hall, 2012.
- D. Pagana, J.D. and Pagana, T.J.. Mosby's Manual of Laboratory and Diagnostic Tests. 4th Edition. Mosby, Elsevier, 2010.
- E. Thomas, C. L. (Ed.). Taber's Cyclopedic Medical Dictionary . 18th Edition. Philadelphia: F. A. Davis, 2009.
- F. Carpenito-Moyet, L.J. Nursing Diagnosis: Application to Clinical Practice. 13th Edition. Lippincott Williams and Wilkins, 2010.

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