MODESTO JUNIOR COLLEGE

COURSE OUTLINE

I. DIVISION: Allied Health
   DIV./DEPT. NO: 61-2500
   PREFIX/NO.: NURSE 261
   COURSE TITLE: Nursing Process: Fundamentals

   Formerly listed as: NURSE 251 Nursing Process 1
   Date Changed: __________

II. ALSO OFFERED AS:
   Div: __________ Prefix/No.: __________ Title: __________
   Div: __________ Prefix/No.: __________ Title: __________

III. COURSE INFORMATION:
   Units: 8 or Variable Units: □ X=1/2 unit □ A=1 unit □ B=2 units □ C=3 units □ D=4 units
   Total Hours: Lecture: 70 Lab: 210 Other: ______
   Explain Other hours: ______
   Transfer Credit: CSU – □ UC – □ CAN – ______
   General Ed: ______ AA/AS Area: ______ CSU GE Area: ______ IGETC Area: ______
   Offered Only: Fall – □ Spring – □ Summer – □ Eve – □ Not offered every semester – □

IV. PREREQUISITE(S)/COREQUISITE(S)/RECOMMENDED FOR SUCCESS:
   (Please check all that apply and list below. Also attach appropriate documentation forms)
   Prerequisite (P) – □ Corequisite (C) – □ Recommended for Success (R) – x □ Limitation on Enrollment (L) – □
   (P) Acceptance into the A.D.N. program
   (C) NURSE 260 and NURSK 800
   (R) NURSE 115, FDNTR 219 with a grade of “C” or better
   (L) Enrollment limited by program capacity

V. CATALOG DESCRIPTION:
   Applies fundamental concepts and principles of the nursing process to the care and needs of patients within the acute care setting. The primary focus of the course is on assessment and care of patients experiencing alterations in basic health needs. Students practice basic clinical skills in a simulated lab setting prior to beginning care in the acute care facility. Additional theoretical principles taught in the course include therapeutic communication, patient teaching, professional ethics, and legal aspects of nursing.

VI. FIELD TRIPS REQUIRED? Yes □ No □ Maybe □

VII. GRADING: A-F Only □ CR/NC Only □ CR/NC Option □ Non-Graded □

VIII. REPEAT PROCEDURES:
   Credit: No □ *Yes □ Maximum Completions: _____ Maximum Units: _____
   Non-Credit: No □ Yes □ Maximum Completions: _____
   *(If course is repeatable, attach a memo with the appropriate justification)

IX. EXPLAIN FEE REQUIRED: Malpractice liability insurance for clinical. Materials fee for skills kits required. Total approximate cost of $150.00.

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X. PREREQUISITE SKILLS

Before entering the course, the student will be able to:

A. Discuss basic structure of body and levels of body organization.
B. Identify tissue types.
C. Define general anatomical terminology.
D. Define directional terms and planes of reference used to describe the human body.
E. Identify basic microscopic and gross anatomy of the various body systems.
F. Discuss concepts of homeostasis.
G. Differentiate aerobic and anaerobic metabolism.
H. Discuss basic metabolic states and the hormones involved.
I. Enumerate general physiological principles for each body system.
J. Analyze pathological variations from normal functioning of body systems.
K. Discuss the germ theory of disease.
L. Analyze host/microorganism interactions in infection and disease.
M. Identify sources of contamination in the clinical and public health setting.
N. Apply principles of sterilization and other methods to control microorganisms in the clinical and public health settings.
O. Discuss specific organisms and related treatment and/or prophylactic measures.
P. Critically analyze written materials identifying the main ideas and unifying themes.
Q. Write using examples, data, and other evidence to support their points.
R. Organize main points of written materials, choosing a sequence that contributes clarity and accuracy.
S. Write descriptions in clear, concise, accurate terms.
T. Utilize college level reading skills and vocabulary.
U. Demonstrate accurate calculations using algebraic equations, fractions, decimals, ratios, percentages.

XI. OBJECTIVES (Expected outcomes for students)

Upon successful completion of the course, the student will be able to:
A. INSTRUCTIONAL OBJECTIVES

1. Discuss the philosophy of the Modesto Junior College Associate Degree Nursing Program.
2. Define the role of the student nurse in the first semester of the Associate Degree Nursing Program.
3. Describe Overriding Concerns of the Associate Degree Nursing Program and their related critical elements.
4. Discuss the phases of the nursing process: assessment, diagnosis, planning, implementation, and evaluation.
5. Describe the key components of the Roy Adaptation Model and their application to the nursing process.*
6. Apply concepts of psychology and sociology to the identification of assessments and interventions relevant to the psychosocial needs of patients.*
7. Integrate concepts of anatomy, physiology, and microbiology with fundamental principles of nursing to identify assessments and interventions which promote physiological adaptation.
8. Utilize selected case studies to demonstrate application of the nursing process.
9. Discuss scientific principles as they apply to nursing skill and procedures.
10. Describe and apply principles of therapeutic communication.*
11. List principles of teaching / learning within the context of patient care.*
12. Describe the physiological changes associated with the aging process.
13. Analyze the historical influences in the evolution of nursing practice.
14. Discuss behaviors, roles, and qualities of a professional nurse.*
15. Describe legal and ethical principles affecting professional nursing practice.
16. Identify actions, side effects, and nursing implications of selected medications.
B. Clinical Objectives

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

1. Provide nursing care in accordance with the Modesto Junior College Associate Degree Nursing Program philosophy.
2. Assume responsibility for compliance with program standards and standards of student nursing practice established by the Nursing Practice Act.
3. Provide a safe environment for patients by adhering to Overriding Concerns:
   a. Accountability
   b. Physical Jeopardy
   c. Emotional Jeopardy
   d. Therapeutic Communication
   e. Asepsis
4. Implement the steps of the nursing process to provide care for patients experiencing alterations related to:
   a. Physiological systems/needs:
      i. Oxygenation
      ii. Endocrine
      iii. Fluid and Electrolytes
      iv. Elimination
      v. Activity and rest
      vi. Protection
      vii. Neurological / Senses
      viii. Nutrition
   b. Psychosocial / spiritual needs:*
      i. Self-concept*
      ii. Role function*
      iii. Interdependence*
5. Provide prioritized and organized nursing care for patients.
6. Perform clinical skills competently, including all critical elements, and observe their underlying scientific principles.
7. Perform care for patients according to the policies and procedures of the agencies to which the student is assigned.
8. Integrate a teaching plan appropriate for the age/development level of patients in the clinical setting.
9. Complete a comprehensive data base and nursing care plan on selected patients.*
10. Demonstrate effective communication and collaborate as part of the health care team.
11. Display integrity, honesty, and empathy with patients and professionals of the health care team.
12. Maintain confidentiality regarding all patient information.
13. Individualize and implement care that is sensitive to social and cultural differences among patients.*
14. Assess patients’ preferences for spiritual practices and provide support and accommodation for them.*
15. Demonstrate competent and appropriate physical assessment skills.
16. Promote patient adaptation by assessing needs, providing nursing interventions, and evaluating care provided.
17. Demonstrate safe, consistent, accurate, and knowledgeable administration of medications and other prescribed treatments or agents.
18. Demonstrate competence in drug dosage calculations.

* = Multi-cultural objective or content item

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19. Identify nursing implications of laboratory values for assigned patients.
20. Present selected case studies, teaching interventions, and patient care experiences in the post-clinical forum.

21. Provide evidence of preparation for all clinical assignments, as evidenced by satisfactory completion of the Clinical Preparation Form and knowledge of patients’ health care needs and problems.

XII. CONTENT

A. Orientation to the MJC Associate Degree Nursing Program
   1. Philosophy
   2. Conceptual framework
   3. Policies and procedures
   4. Overview of NURSE 261
B. Nursing Process / Roy Adaptation Model
C. Communication*
   1. Therapeutic communication*
   2. Patient teaching*
   3. Documentation
   4. Grief and loss*
D. Nursing as a profession
   1. History of nursing
   2. Ethics in nursing*
   3. Legal issues
   4. Professional issues*
E. Nursing Process applied to physiological systems
   1. Oxygenation
   2. Endocrine
   3. Fluid and electrolytes
   4. Elimination
   5. Activity and rest
   6. Protection
   7. Neurological / senses
   8. Nutrition

* = Multi-cultural objective or content item
XIII. TEACHING METHODS

A. Methods to achieve course objectives:

This course is taught by lecture, collaborative learning experiences, guided discussion, audio-visual materials, computer programs, simulated lab activities, case studies, student presentations and nursing care of selected patients in the clinical setting. Field trips may be necessary.

B. Typical assignments used in achieving learner independence and critical thinking:

Students utilize the nursing process to develop proficiency in problem-solving, organization, and prioritization of nursing care in the clinical setting as evidenced by comprehensive completion of the Clinical Preparation Form.

XIV. TEXTBOOKS AND OTHER READINGS (Typical)

Required texts:
- Allied Health Nurse 261 Syllabus

Recommended texts:

XV. SPECIAL STUDENT MATERIALS (i.e., protective eyewear, aprons, etc.)

Uniforms and special nursing shoes in addition to kit provided for by paid material fees

* = Multi-cultural objective or content item

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XVI. METHODS OF EVALUATING STUDENT PROGRESS

A. Theory performance

1. Examinations
2. Quizzes
3. Written assignments

B. Clinical performance

1. Successful completion of modular component of NURSE 261
2. Satisfactory completion of clinical objectives
3. Competency in the performance of clinical skills
4. Adherence to Overriding Concerns and ADN Program policies and procedures
5. Satisfactory completion of:
   a. clinical preparation forms
   b. student presentations in post-clinical conferences
   c. other clinical assignments, as assigned
   d. oral medication competency test
   e. medication calculation / administration test (NURSE 260)