



El Camino College

COURSE OUTLINE OF RECORD - Launched

I. GENERAL COURSE INFORMATION

Subject and Number: Nursing 232
Descriptive Title: Obstetrical Patients and the Newborn

Course Disciplines: Nursing

Division: Health Sciences and Athletics

Catalog Description: This course focuses on the theory and practical application of concepts related to obstetrical patients and the newborn. The nursing process will be utilized as the foundation of study and emphasis will be placed on the concepts of reproduction, health promotion, self-management, infection, technology & informatics, thermoregulation, perfusion, human sexuality, nutrition culture, and social/ethical aspects. The student will gain a conceptual understanding of principles in all areas specific to the obstetrical patient and the newborn.

Conditions of Enrollment: Prerequisite
Nursing 220
AND
Nursing 222
AND
Nursing 224
AND
Nursing 226
With a minimum grade of C

Enrollment Limitation

Students must be admitted into the Nursing Program

Course Length: Full Term Other (Specify number of weeks):
Hours Lecture: 1.50 hours per week TBA
Hours Laboratory: 3.00 hours per week TBA
Course Units: 3.00

Grading Method: Letter
Credit Status: Associate Degree Credit

Transfer CSU: Effective Date: Proposed

Transfer UC: No

General Education:

El Camino College: _____

CSU GE: _____

IGETC: _____

II. OUTCOMES AND OBJECTIVES

A. COURSE STUDENT LEARNING OUTCOMES (The course student learning outcomes are listed below, along with a representative assessment method for each. Student learning outcomes are not subject to review, revision or approval by the College Curriculum Committee)

1. **Nursing Process:** The student will apply the nursing process in the care of childbearing women and the childbearing family.
2. **Assessment:** The student will perform focused assessments on newborn and postpartum patients in the clinical setting.
3. **Evidence Based Practice:** The student will examine evidence-based practice guidelines to compare and contrast clinical implementation of such guidelines in the perinatal population.

The above SLOs were the most recent available SLOs at the time of course review. For the most current SLO statements, visit the El Camino College SLO webpage at <http://www.elcamino.edu/academics/slo/>.

B. Course Student Learning Objectives (The major learning objective for students enrolled in this course are listed below, along with a representative assessment method for each)

1. Describe conception and prenatal development, including, but not limited to the placenta, umbilical cord, and fetal membranes.
Multiple Choice
2. Identify adaptations to pregnancy including, but not limited to antepartum assessment and care, maternal responses, maternal role transition, nutrition, paternal adaptation, and indications for fetal prenatal diagnostic tests.
Multiple Choice
3. Describe process of giving birth including, but not limited to the four stages of labor, positioning of patient, fetal presentation, and pain management options.
Multiple Choice
4. Explain the components of intrapartum fetal surveillance and identification of the client with an intrapartum complication including, but not limited to dysfunctional labor, premature rupture of membranes, and prolonged pregnancy.
Other (specify)
Clinical Care Plan
5. Perform a focused maternal exam and explain the physiologic changes that occur during the postpartum period.
Class Performance
6. Describe nursing care during obstetric procedures that include, but are not limited to, forceps, vacuum, vaginal delivery, cesarean delivery, and vaginal birth after cesarean.
Multiple Choice

7. Describe postpartum adaptations and complications for cesarean and vaginal deliveries, including, but not limited to bonding and attachment, family adaptation, maternal role attainment, hemorrhage, shock, and thromboembolic disorders.

Multiple Choice

8. Describe the adaptation and assessment of the normal newborn during performance of newborn assessment, including comparison of various types of newborn feeding, the problems related to gestational age and acquired congenital conditions in the high-risk newborn.

Multiple Choice

9. Identify the childbearing family with special needs, including, but not limited to, adolescent pregnancy, delayed pregnancy, and substance abuse.

Multiple Choice

10. Describe pregnancy related complications and concurrent disorders during pregnancy including, but not limited to hyperemesis gravidarum, gestational diabetes, heart disease, anemias, abortion, and abruption.

Multiple Choice

11. Identify the client with an intrapartum complication including, but not limited to dysfunctional labor, premature rupture of membranes, and prolonged pregnancy.

Multiple Choice

12. Discuss the maternal, fetal, and neonatal effects of the most common infections that may occur during pregnancy.

Multiple Choice

III. OUTLINE OF SUBJECT MATTER (Topics are detailed enough to enable a qualified instructor to determine the major areas that should be covered as well as ensure consistency from instructor to instructor and semester to semester.)

Lecture or Lab	Approximate Hours	Topic Number	Major Topic
Lecture	13.5	I	Reproduction A. Antepartum care B. Intrapartum care C. Postpartum care D. Newborn Care E. Prematurity F. Gestational Conditions 1. Gestational diabetes 2. Gestational hypertension 3. Preeclampsia G. Eclampsia
Lecture	1.5	II	Health Promotion A. General prenatal care B. Vaccinations C. Abstinence from smoking, alcohol, and other drugs D. Ultrasound screening E. Rh factor & antibody screening F. Sexually transmitted infection screening
Lecture	1	III	Self Management A. Prenatal care B. Premature rupture of membranes C. Weight gain during pregnancy D. Premature labor

			E. Depression
Lecture	2.75	IV	Infection A. Chorioamnionitis B. Measles C. Mumps D. Hepatitis B E. Herpes Genitalis F. Human Immunodeficiency Virus (HIV) G. Human Papillomavirus (HPV) H. Gonorrhea I. Chlamydia J. Group B Streptococcus K. Syphilis
Lecture	0.5	V	Technology & Informatics A. Electronic fetal monitoring B. Electronic health records
Lecture	1	VI	Thermoregulation A. Newborn hypothermia
Lecture	1.75	VII	Perfusion A. Disseminated intravascular coagulation (DIC) B. Hemolysis, Elevated Liver enzymes, and Low Platelet (HELLP) Syndrome C. Abruptio placentae D. Uterine rupture E. Prolapsed umbilical cord F. Postpartum hemorrhage G. Dystocia
Lecture	2	VIII	Nutrition A. Phenylketonuria B. Folic acid supplementation C. Prenatal and postnatal dietary requirements D. Breastfeeding E. Hyperemesis gravidarum
Lecture	1	IX	Culture A. Cultural diversity B. Childrearing practices C. Gender roles D. Caregiver roles
Lecture	2	X	Social/Ethical Aspects A. Abortion B. Assisted reproduction C. Emergency contraception D. Prenatal genetic testing E. Severely impaired newborns F. Withholding or withdrawal of life support
Lab	1	XI	Pre-Clinical Conference A. Discuss Plan of Care (POC) for the day
Lab	10	XII	Clinical Orientation A. Hospital specific orientation B. Electronic Medical Record (EMR) training C. Newborn assessment D. Maternal assessment E. High-risk Obstetrical (OB) presentation F. Contraceptive in-service
Lab	20	XIII	Clinical Lab A. Labor and delivery

			B. Postpartum C. Newborn Nursery
Lab	14	XIV	Clinical Lab A. Newborn Intensive Care Unit (NICU) B. Antepartum
Lab	1	XV	Post Conference A. Discuss experience throughout the clinical day
Lab	8	XVI	Simulation Lab A. Assist with normal vaginal delivery in a simulated environment B. Newborn assessment
Total Lecture Hours		27	
Total Laboratory Hours		54	
Total Hours		81	

IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS

A. PRIMARY METHOD OF EVALUATION:

Substantial writing assignments

B. TYPICAL ASSIGNMENT USING PRIMARY METHOD OF EVALUATION:

Read the case study distributed in class. Utilize the five steps of the nursing process to formulate a care plan for the patient described in the case study.

Develop three nursing diagnoses based on the information provided and create a plan of care.

C. COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:

1. Formulate and develop a written Nursing Care Plan for a patient with pregnancy-induced hypertension who is being admitted for induction of labor. Assess and evaluate each of the client's basic needs evidenced by subjective and objective data, select nursing diagnoses, plan short-term and long-term goals and outcomes, describe appropriate nursing interventions, and list evaluative data that will determine if the client's goals are met.
2. Assess the patient's learning needs regarding breastfeeding of her newborn infant. Develop a health teaching plan that considers and includes the patient's personal preferences and the family dynamics.

D. OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:

Essay exams

Performance exams

Objective Exams

Quizzes
Class Performance
Homework Problems
Term or other papers
Multiple Choice
Completion
Matching Items
True/False
Other (specify):
ATI Exams

Clinical Evaluations
Presentation

V. INSTRUCTIONAL METHODS

Demonstration
Discussion
Group Activities
Guest Speakers
Laboratory
Lecture
Multimedia presentations
Role Play
Simulation

Note: In compliance with Board Policies 1600 and 3410, Title 5 California Code of Regulations, the Rehabilitation Act of 1973, and Sections 504 and 508 of the Americans with Disabilities Act, instruction delivery shall provide access, full inclusion, and effective communication for students with disabilities.

VI. WORK OUTSIDE OF CLASS

Study
Answer questions
Skill practice
Required reading
Problem solving activities
Written work
Other (specify)
ATI Reading and review

Estimated Independent Study Hours per Week: 3

VII. TEXTS AND MATERIALS

A. UP-TO-DATE REPRESENTATIVE TEXTBOOKS

McKinney, E., James, S., Murray, S., Nelson, K. & Ashwill, J.. Maternal-Child Nursing. Missouri: Elsevier, 2018.

American Psychological Association. Publication Manual of the American Psychological Association. 6th ed. Washington, DC: APA, 2009.

B. ALTERNATIVE TEXTBOOKS

C. REQUIRED SUPPLEMENTARY READINGS

D. OTHER REQUIRED MATERIALS

Assessment Technologies Institute (ATI) eBook on the ATI website
<https://www.atitesting.com/Home.asp>

State of California Board of Registered Nursing (2017). California nursing practice act with regulations and related statutes. Charlottesville, VA: LexisNexis

VIII. CONDITIONS OF ENROLLMENT

A. Requisites (Course and Non-Course Prerequisites and Corequisites)

Requisites	Category and Justification
Course Prerequisite Nursing-220 AND	Sequential
Course Prerequisite Nursing-222 AND	Sequential
Course Prerequisite Nursing-224 AND	Sequential
Course Prerequisite Nursing-226	Sequential

B. Requisite Skills

Requisite Skills
Students must have fundamental nursing skills to advance. NURS 220 - Identify and apply an understanding of professional nursing roles and legal ethical nursing standards. NURS 220 - Demonstrate and practice the principles of medical and surgical asepsis. NURS 220 - Identify the steps of the nursing process by relating how it applies to nursing care. NURS 220 - Apply the use of the nursing process in formulating nursing care plans. NURS 220 - Utilize the nursing process to safely demonstrate nursing skills. NURS 220 - Demonstrates the skills necessary to safely care for patients. NURS 220 - Identify safety issues related to patient care. NURS 220 - Identify Maslow's and Kalish's and Watson's theoretical principles and how they affect the care of the patient. NURS 220 - Utilize evidence-based information from this course and research related findings in the application of fundamental nursing care. NURS 220 - Analyze the physiological basis of selected disease processes.

Students will demonstrate use of the nursing process in caring for adult and aging patients by collecting and organizing patient health data to formulating and carrying out a plan of care. NURS 222 -
 Identify the legal and ethical responsibilities of a nurse.
 NURS 222 -
 Distinguish between the common physical changes seen in aging and pathological conditions seen in the older adult population.
 NURS 222 -
 Utilize the nursing process by collecting and organizing patient data to develop a plan of care.
 NURS 222 -
 Integrate use of the nursing process, professional behavior, and evidence-based practice in the delivery of patient-centered care to adults with health problems.
 NURS 222 -
 Communicate with patients using professional and therapeutic techniques in a health care setting.

The student must apply principles of drug therapy while monitoring the patient for appropriate responsiveness to the drug. NURS 224 -
 Analyze a patient's response to drug therapy.
 NURS 224 -
 Apply principles of therapy with major drug groups in relation to drug selections, dosage, route and use in selected populations.

Apply principles of drug therapy in relation to drug safety, dosage, route and use in selected populations. NURS 226 -
 Perform skills in a professional manner, utilizing legal/ethical concepts.
 NURS 226 -
 Apply effective therapeutic communication techniques during the practice and performance of skills.
 NURS 226 -
 Prepare and administer medications via the parenteral routes.

C. Recommended Preparations (Course and Non-Course)

Recommended Preparation	Category and Justification
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D. Recommended Skills

Recommended Skills

E. Enrollment Limitations

Enrollment Limitations and Category	Enrollment Limitations Impact
Students must be admitted into the Nursing Program	

Course created on 05/10/2018.

BOARD APPROVAL DATE: 07/16/2018

LAST BOARD APPROVAL DATE:

Last Reviewed and/or Revised by Shiny Johnson on 05/10/2018