

**JEFFERSON STATE COMMUNITY COLLEGE  
DIVISION OF HEALTH AND BIOLOGICAL SCIENCES  
NURSING EDUCATION PROGRAM**

**I. NUR 106 D – Maternal Nursing**

Theory	2 credit hours
Lab	0 credit hour
Clinical	0.6 credit hour
Total	3 credit hours

**Total contact hours – 4**

**II. CLASS MEETING DATES/TIMES/LOCATION**

See Blackboard for days and times when classes meet on the Jefferson or Shelby campus. The first week of class, NUR 106 D may meet for several days. See course calendar and clinical schedule for complete scheduling of class and clinical rotation.

**III. CLINICAL DATES/TIMES/LOCATION**

Clinical rotations may be held on Wednesday and Thursday evenings, Wednesday, Thursday and Friday mornings or Saturdays depending on the assigned clinical faculty. See the NUR 106 D Clinical Rotation Schedule.

**IV. INSTRUCTOR, CONTACT INFORMATION, OFFICE HOURS/LOCATION**

See Blackboard for Jefferson and Shelby instructor information

**V. COURSE DESCRIPTION**

This course focuses on the role of the nurse in meeting the physiological, psychosocial, cultural and developmental needs of the maternal and infant client. Course content includes antepartal, intrapartal, and postpartal care, complications of pregnancy, newborn care. Nutrition, pharmacology, cultural diversity, use of technology, communication, anatomy and physiology review, medical terminology, critical thinking, and application of the nursing process are integrated throughout this course. Upon completion of this course students will be able to provide and manage care for maternal and infant clients in a variety of settings.

**VI. PREREQUISITE(S)/COREQUISITE(S) / PREREQUISITE COURSES**

- NUR 102 – Fundamentals of Nursing
- NUR 103 – Health Assessment
- NUR 104 – Introduction to Pharmacology
- BIO 201 – Human Anatomy and Physiology I or NUR 101 – Body Structure and Function (if selected by PN students)
- MTH 116 – Mathematical Applications (or higher level)
- ENG 101 – English Composition I
- BIO 202 – Human Anatomy and Physiology II (RN students)
- NUR 105 – Adult Nursing
- NUR 106 C –Child Nursing

**CO-REQUISITE COURSES**

- NUR 201 – Adult Nursing
- BIO – 220 – Microbiology

**VII. EVALUATION AND ASSESSMENT**

Students are required to comply with the JSCC Academic Honesty Code as described on page 233 of the student handbook. The handbook is available for download in Adobe format at <http://www.jeffstateonline.com/catalog/2005/>.

Cellular phones and pages are prohibited in the classroom, lab, and clinical settings. Leave these devices at home or have them turned off during class. Students who do not abide by this policy will have 5 points deducted from their accumulated points for each offense. Bringing cell phones to the clinical area will result in an F on the Clinical Evaluation form in Objective I - G. In the event of an emergency, students can be contacted at:

Jefferson Campus Nursing Office – 205-856-7940

Shelby Campus Nursing Office – 205-983-5934 or  
205-983-5243

**Grading Scale:**

The grading system that is stated by the College for determination of “A”, “B”, etc., that is:

A - 90 - 100

B - 80 – 89

C - 75 – 79

D- 60 – 74

F - Below 60

Students must attain a minimum average of 75% (C) in order to successfully complete NUR 106 D (Progression Guidelines, Department of Nursing).

Theory grades will be calculated by dividing the student's points achieved by the total points possible. These points will include content exams, a comprehensive final exam, assignments, pop quizzes, and classroom activities. Points from quizzes, assignments, and classroom activities will not be calculated in the student's grade unless a minimum 75% average is achieved on all content exams and the comprehensive final exam. When the points from the quizzes, assignments, and classroom activities are added in, it could potentially drop the final percentage if the student has scored poorly on such activities.

Students will be given a math calculation test in collaboration with NUR 201 the first week of class and must attain at least 90%. If the student fails the test he/she has two (2) more attempts to attain 90%. Failure to attain this score will result in the student not being allowed to pass medications in the clinical area, and an F in Objective IV will be given for each math calculation failure. Three (3) failures on the clinical evaluation form will result in course failure.

The final grade in the laboratory portion of NUR 106 D will be determined as follows: Students must:

1. Receive no summary F in a course/level objective on the Evaluation of Laboratory Performance.

\*\*Failure to meet any of the above requirements will result in a clinical failure.

Final letter grade for the course will be determined by the following scale:

Calculation Exam	Plus Theory Grade	Plus Lab Performance	Equals Final Letter Grade
PASS	A	PASS	A
PASS	B	PASS	B
PASS	C	PASS	C
PASS	D	PASS	D
PASS	F	PASS	F
PASS	A	FAIL	D
PASS	B	FAIL	D
PASS	C	FAIL	D
PASS or FAIL	D	FAIL	F
PASS or FAIL	F	FAIL	F
FAIL	A	PASS	F
FAIL	B	PASS	F
FAIL	C	PASS	F
FAIL	D	PASS	F
FAIL	F	PASS	F

**Students who withdraw after the last day to receive an automatic W will receive a WF if the theory grade at the time of withdrawal is D or F or if the lab grade at the time of withdrawal is Fail.** A grade of WP will be awarded if the theory grade at the time of withdrawal is C or above and the lab grade is Pass.

### VIII. ATTENDANCE

Students are expected to attend all classes for which they are registered. Students who are unable to attend class regularly, regardless of the reason or circumstance, should withdraw from that class before poor attendance interferes with the student's ability to achieve the objectives required in the course. Withdrawal from class can affect eligibility for federal financial aid. Withdrawal from class can prohibit progression in nursing and allied health programs.

Students are expected to attend **all** clinical rotations required for each course. Only excused absences will be considered for make up. However, due to limited clinical space and time, clinical make up days cannot be guaranteed. Failure to complete clinical rotations will prohibit progression in nursing and allied health programs.

### IX. COURSE TEST POLICIES

Students are expected to carry out all assigned work and to take examinations at the class period designated by the instructor. The following test policies apply to Nursing 106 D.

1. The student must inform the instructor prior to the test, either directly or through a message left in the Nursing Office, or by Blackboard email, if he/she is unable to take the test at the scheduled time. Failure to do so will result in a zero for that test and cannot be made up. Arrangements to make up missed work due to absences must be initiated by the student during the week of the absence. Make-up tests may be given at the end of the semester. The date will be designated on the class schedule.
2. Make-up tests are generally composed of multiple choice and discussion questions. The exams may be given as pen/paper or computer tests and must be proctored.
3. Students who miss make-up tests or fail to schedule make-up tests will receive a zero for missed tests.
4. Computerized testing: some testing may be conducted via Blackboard. These tests may be taken on the student's home computer or in the computer lab at either the Jefferson or Shelby campus. Computerized testing is a privilege granted to the student to allow the student more schedule flexibility. Students are expected to maintain academic honesty during testing. Faculty reserve the right to delete

any tests that appear to be compromised. Printing of any online test is prohibited and can result in discipline outlined in the Academic Honesty Policy.

5. Computerized tests are not eligible for make-up since they are offered over a specified time frame. All computerized tests that are missed will go into the grade book as "0".
6. Test reviews are available for all tests at a time designated by the faculty. Students who miss the scheduled review sessions are not given additional opportunities for review.
7. Pop quizzes may be administered at any time during a scheduled class meeting. Pop quizzes may be between 1-5 points in value and are included in the total points possible for the course grade once the student achieves a 75% average on all content and final exams. Students must be present at the beginning of the pop quiz in order to take it and receive points. Missed pop quizzes are not available for makeup.
8. Only items supplied by the instructor, excluding pencils, are allowed on the desk during testing.
9. Exams will have a specific time limit based on the number of questions.
10. All personal student items will be placed in a faculty designated area during testing.
11. No cell phones or electronic devices of any kind will be allowed. Faculty may restrict other items.
12. Cell phones will be turned off prior to testing or 5 points may be deducted from the points available on the test in progress.
13. Test reviews conducted post-testing will follow the same rules as defined during testing.
14. The testing policy will be upheld in accordance with the Academic Honesty Code as defined in the *Catalog and Student Handbook*.

## **X, CLINICAL/LAB POLICIES**

Students must comply with the following criteria in order to attend clinical lab experience:

1. Complete and up to date Medical record
2. Evidence of current nursing student liability insurance
3. Current Certification in CPR (BLS-C) at the health care provider level
4. Satisfactory level of health
5. Adheres to established dress code
6. Pass calculations exam

**Failure to comply will result in dismissal from the clinical facility and a grade of "F" on the clinical evaluation form in all applicable objectives.**

The following clinical policies apply to NUR 106 D:

- Students are expected to attend **all** clinical rotations required for NUR 106 D.
- Students are required to notify the instructor of an absence prior to the beginning of the experience at their first opportunity. Make-up clinical days must be scheduled with the instructor with whom the clinical day is missed. It is the student's responsibility to contact the instructor regarding a make-up date.
- Only excused absences will be considered for make up. However, due to limited clinical space and time, clinical make up days cannot be guaranteed. Failure to complete clinical rotations will prohibit progression in nursing and allied health programs. Failure to notify clinical faculty of an absence prior to the clinical day will result in an "F" in all objectives on the NUR 106 D Clinical Evaluation form.
- Students may have daytime, evening, or Saturday clinical experiences and may rotate among faculty and/or clinical facilities during the semester.
- Students may be assigned one or more clients during the clinical experience at the instructor's discretion.
- During the clinical experience students report directly to their assigned JSCC nursing faculty. In the event that the nursing faculty is unavailable, the student should comply with the following chain of command in this order: nurse assigned to the student's client, charge nurse, and then unit manager.

- Clinical paperwork is due at the instructor-specified time. Late paperwork will result in a grade of "F" on the clinical evaluation form. Students who do not submit late paperwork within 24 hours of the deadline will receive an automatic "F" in all areas of the lab evaluation form that are related to paperwork.
- It is the student's responsibility to turn in paperwork on time to the nursing faculty via established timeframes and methods. It is suggested that students make an electronic or photo copy of paperwork in the event of lost paperwork.
- Three "F"s in a clinical objective constitute a clinical failure.
- No student may perform intimate procedures or assessments on maternity clients independently. If the patient reports an issue, the student must contact the clinical instructor for further instruction.
- Unsafe client care may result in a clinical failure or program dismissal as deemed appropriate by the assigned nursing faculty.

Additional policies specific to clinical facilities may apply and will be communicated to the student during clinical orientation.

## **XI. Blackboard Policies:**

### **Discussion**

Discussion points may be awarded for participation in the Blackboard Discussion Forum for "thoughtful contributions". Students are encouraged to participate in the discussion forums but should be aware that the following postings are not allowed:

- Rude, offensive, or inappropriate language
- Copying and pasting online newsletters or lengthy articles. Please condense the topic or insert a hyperlink to the original source.
- Incorrect information.
- Test questions. There may be students who missed the test and discussion of specific test questions gives those students who will be scheduling a makeup exam an unfair advantage.
- Personal promotions and advertisements for business purposes.
- Off topic posts. Please post your contribution in the correct thread and keep the post focused on the topic.
- Messages to the faculty or class members that should be sent privately through the Blackboard email system.

### **Email**

Students are encouraged to use Blackboard email to contact the faculty and other students. This is the fastest way to contact faculty since email can be checked from any location. Students must log on to Blackboard daily for updates and announcements. Announcements may be sent via email, the Discussions or posted on the front page of the course.

## **XII. STATEMENT ON DISCRIMINATION/HARASSMENT**

The College and the Alabama Board of Education are committed to providing both employment and educational environments free of harassment or discrimination related to an individual's race, color, gender, religion, national origin, age, or disability. Such harassment is a violation of State Board of Education policy. Any practice or behavior that constitutes harassment is a violation of State Board of Education policy. Any practice or behavior that constitutes harassment or discrimination will not be tolerated.

## **XIII. AMERICANS WITH DISABILITIES**

The Rehabilitation Act of 1973 (Section 504) and the American with Disabilities Act of 1990 state that qualified students with disabilities who meet the essential functions and academic requirements are entitled to reasonable accommodations. It is the student's responsibility to provide appropriate disability documentation to the College.

**XIV. COURSE CALENDAR**

**Available for download in Blackboard**

**XV. STUDENT ACKNOWLEDGEMENT FORM**

Students must open the “test” entitled Student Acknowledgement Form within Blackboard. Students will be asked to confirm that they have read and agree to comply with the course policies for NUR 106 D as written in the course syllabus. This must be completed before the end of the first week of class.

**XVI. TEXTBOOK(S) AND OTHER LEARNING RESOURCES**

McKinney, Emily Slone, et, al. Maternal-Child Nursing. 3rd ed. St Louis, Missouri: Elsevier Saunders, 2009.

Lilley, Linda Lane, and others, Pharmacology and the Nursing Process. 5<sup>th</sup> ed. St. Lois, Missouri: Elsevier Mosby, 2007.

NUR 106 D Course Material is available on Blackboard. Students should print the overview and the material related to each day’s lecture noted on the course calendar. **Students are responsible for printing course materials off campus prior to the scheduled class.** Campus computer labs and campus library are NOT to be used to print course materials.

Optional:

McKinney, Emily Slone, Virtual Clinical Excursions 3.0 for Maternal-Child Nursing. 2<sup>nd</sup> ed. St Louis, Missouri: Elsevier Saunders, 2005. (This will be discussed on the first day of class.)

**XVII. COMPETENCIES**

- Utilize the nursing process to provide nursing care for maternal and child clients.
- Utilize the nursing process to provide nursing care for pediatric clients.

**MODULE A – ANTEPARTUM**

A1.0 Utilize the nursing process to provide nursing care for maternal and child clients.

**A1.1 Use the nursing process to provide antepartal care.**

- A1.1.1 Explain the anatomy and physiology associated with conception and pregnancy.
- A1.1.2 Define key terms associated with antepartal care.
- A1.1.3 Identify dynamics of family interactions.
- A1.1.3 Explain health promotional considerations related to preconception.
- A1.1.4 Differentiate between the stages of fetal development.
- A1.1.5 Differentiate between the signs of pregnancy.
- A1.1.6 Relate the physiological changes of pregnancy to its clinical manifestations.
- A1.1.7 Differentiate between the four major developmental tasks associated with the psychological adaptation to pregnancy.
- A1.1.8 Explain health promotional considerations related to antepartal care.
- A1.1.9 Interpret diagnostic tests for antepartal clients.
- A1.1.10 Describe the pharmacological agents for antepartal clients.
- A1.1.11 Analyze nutritional requirements for antepartal clients.
- A1.1.12 Recommend interventions to manage the discomforts of pregnancy.
- A1.1.13 Explain various prepared childbirth education methods.
- A1.1.14 Use critical thinking to manage nursing care for culturally diverse antepartal clients.
- A1.1.15 Evaluate expected outcomes of nursing care for antepartal clients.

**A1.2 Develop a nursing care plan to provide antepartal care.****MODULE B – COMPLICATIONS OF PREGNANCY**

B1.0 Utilize the nursing process to provide nursing care for maternal and child clients.

**B1.1 Use the nursing process to provide safe and effective care for clients experiencing complications of pregnancy.**

- B1.1.1 Define terms associated with selected pregnancy complications.
- B1.1.2 Differentiate between the roles of the practical nurse and the registered nurse in providing care for clients experiencing selected complications of pregnancy.
- B1.1.3 Describe methods of assessing fetal well-being.
- B1.1.4 Describe selected complications of pregnancy.
- B1.1.5 Describe the pathophysiology associated with selected complications of pregnancy.
- B1.1.6 Interpret clinical manifestations for clients experiencing selected complications of pregnancy.
- B1.1.7 Interpret diagnostic tests for selected complications of pregnancy.
- B1.1.8 Describe the pharmacological agents and/or treatments for selected complications of pregnancy.
- B1.1.9 Analyze nutritional considerations for clients experiencing selected complications of pregnancy.
- B1.1.10 Explain health promotion related to complications of pregnancy.
- B1.1.11 Identify expected outcomes of treatment modalities for clients experiencing selected complications of pregnancy.
- B1.1.12 Describe the psychosocial care for clients, family, and/or support systems experiencing selected complications of pregnancy.
- B1.1.13 Use critical thinking to manage nursing care for culturally diverse clients experiencing selected complications of pregnancy.
- B1.1.14 Evaluate expected outcomes of nursing care for clients experiencing selected complications of pregnancy.

**B1.2 Assess fetal well being.****B1.3 Develop a nursing care plan for clients experiencing complications of pregnancy.****MODULE C – INTRAPARTUM**

C1.0 Utilize the nursing process to provide nursing care for maternal and child clients.

**C1.1 Use the nursing process to assist a client during intrapartum.**

- C1.1.1 Define key terms associated with intrapartum.
- C1.1.2 Explain theories related to the onset of labor.

- C1.1.3 Differentiate between true and false labor.
- C1.1.4 Explain the maternal systemic responses to labor.
- C1.1.5 Explain the variables affecting labor.
- C1.1.6 Differentiate between the stages of labor.
- C1.1.7 Explain the process of admitting intrapartal clients.
- C1.1.8 Describe psychosocial care during intrapartum.
- C1.1.9 Interpret diagnostic tests for intrapartal clients.
- C1.1.10 Analyze nutritional considerations for intrapartal clients.
- C1.1.11 Explain various intrapartal procedures.
- C1.1.12 Explain induction/augmentation of labor.
- C1.1.13 Describe the pharmacological agents and/or treatments during intrapartum.
- C1.1.14 Identify expected outcomes of treatment modalities for intrapartal clients.
- C1.1.15 Recognize selected intrapartal complications.
- C1.1.16 Use critical thinking to manage nursing care for culturally diverse intrapartal clients.
- C1.1.17 Evaluate expected outcomes of nursing care for intrapartal clients.
- C1.2 Provide immediate care to the newborn.**
  - C1.2.1 Explain nursing interventions for immediate newborn and mother care.
  - C1.2.2 Explain the process of assessing a newborn using the APGAR scoring system.
- C1.3 Develop a nursing care plan to provide care during intrapartum.**

## MODULE D – POSTPARTUM

- D1.0 Utilize the nursing process to provide nursing care for maternal and child clients.
  - D1.1 Use the nursing process to assist clients with postpartal care.**
    - D1.1.1 Define key terms associated with postpartal care.
    - D1.1.2 Describe the various aspects of family adaptation.
    - D1.1.3 Describe postpartal physiologic changes.
    - D1.1.4 Describe postpartal psychosocial changes.
    - D1.1.5 Explain the *Newborns' and Mothers' Health Protection Act of 1995* in relation to discharging a client.
    - D1.1.6 Explain aspects of health promotion related to postpartal care.
    - D1.1.7 Differentiate between the nursing care for vaginal birth and cesarean birth.
    - D1.1.8 Interpret diagnostic tests for postpartal clients.
    - D1.1.9 Analyze nutritional considerations for postpartal clients.
    - D1.1.10 Describe the pharmacological agents and/or treatments during postpartum.
    - D1.1.11 Explain various postpartal procedures.
    - D1.1.12 Identify expected outcomes of treatment modalities for postpartal clients.
    - D1.1.13 Recognize selected complications associated with postpartal clients.
    - D1.1.14 Use critical thinking to manage nursing care for culturally diverse postpartal clients.
    - D1.1.15 Explain teaching and learning for postpartal care and discharge.
    - D1.1.16 Evaluate expected outcomes of nursing care for postpartal clients.
  - D1.2 Develop a nursing care plan to provide postpartal care.**

## MODULE E – NEWBORN CARE

- E1.0 Utilize the nursing process to provide nursing care for maternal and child clients.
  - E1.1 Use the nursing process to provide newborn care.**
    - E1.1.1 Define key terms associated with newborn care.
    - E1.1.2 Explain immediate care needs for a newborn.
    - E1.1.3 Identify the physical characteristics of the newborn.
    - E1.1.4 Explain reflexes of the newborn.
    - E1.1.5 Describe behavioral characteristics of the newborn.
    - E1.1.6 Describe gestational age assessment of the newborn.
    - E1.1.7 Interpret diagnostic tests for the newborn.
    - E1.1.8 Analyze nutritional considerations for the newborn.
    - E1.1.9 Describe the pharmacological agents and/or treatments for the newborn.
    - E1.1.10 Explain selected procedures related to newborn care.
    - E1.1.11 Identify expected outcomes of treatment modalities for the newborn.
    - E1.1.12 Recognize selected complications associated with the newborn.
    - E1.1.13 Recognize cultural diversity in the management of newborn care.
    - E1.1.14 Explain teaching and learning for newborn care.

E1.1.15 Evaluate expected outcomes of nursing care for the newborn.

**E1.2 Develop a nursing care plan to provide newborn care.**

**XV. OUTLINE OF MODULES**

**MODULE A – ANTEPARTUM**

- Anatomy and physiology associated with conception and pregnancy
- Terms
- Family
- Preconception health promotional considerations
- Fetal development
- Signs of pregnancy
- Physiological changes of pregnancy
- Psychological adaptation to pregnancy
- Prenatal education and care
- Diagnostic tests
- Pharmacological agents
- Nutrition
- Discomforts of pregnancy
- Childbirth education
- Nursing process

**MODULE B – COMPLICATIONS OF PREGNANCY**

- Terms
- Nursing roles
- Assessment of fetal well-being
- Complications of pregnancy
  - Hyperemesis gravidarum
  - Bleeding
  - Hypertensive disorders of pregnancy
  - Chronic medical problems
  - Infections
  - Hemolytic diseases
  - Multifetal pregnancy
  - Substance abuse
  - Preterm labor
- Pathophysiology/Clinical manifestations
- Diagnostic tests
- Pharmacological agents/treatments
- Nutritional considerations
- Health promotion
- Nursing Process

**MODULE C – INTRAPARTUM**

- Terms and theories related to intrapartum
- Onset of labor
- Maternal responses to labor
- Variables affecting labor
- Stages of labor
- Admissions of client in labor
- Psychosocial care during intrapartum
- Diagnostic tests
- Nutritional considerations
- Obstetric procedures
- Induction/augmentation of labor
- Pharmacology
- Immediate newborn/mother care

– APGAR

- Nursing process

#### **MODULE D – POSTPARTUM**

- Terms
- Family adaptation
- Physiologic changes
- Psychosocial changes
- Newborns' and Mothers' Health Protection Act of 1995
- Health promotion
- Vaginal/Cesarean birth
- Diagnostic tests Newborns' and Mothers' Health Protection Act of 1995
- Nutritional considerations
- Pharmacological/treatments
- Postpartal procedures
- Complications
- Nursing Process
- Teaching and learning for postpartal care and discharge

#### **MODULE E – NEWBORN CARE**

- Terms
- Care needs of the newborn
  - First bath
  - Cord care
- Physical characteristics of the newborn
  - Common variations
- Reflexes
- Behavioral characteristics
- Gestational age
- Diagnostic tests
- Nutritional considerations
- Pharmacological agents/treatments for the newborn
- Selected procedures
  - Circumcision
  - Hearing screens
  - Heel sticks
  - Serology screening
- Complications
- Cultural diversity
- Nursing process
- Teaching and learning