

**University Of Arkansas At Monticello  
College of Technology- McGehee  
Practical Nursing  
Nursing of Mothers and Infants Course Syllabus  
Spring 2012 T TH 9:00a.m. – 10:30 a.m.**

**Instructor:** Nikki Calhoun R.N.  
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**Office Hours:** 11:00-12:00 MWF, 10:30-11:30 T Th

**NURS 1231 Nursing of Mothers & Infants: 1 credit hour**

**Course**

**Description:** This course integrates cultural diversity and scope of practice into knowledge and skills regarding safe, holistic nursing care during prenatal, labor, delivery, post partum and neonatal periods utilizing the nursing process. Nutrition and pharmacology, prevention of illness, promotion and maintenance of health across a health continuum during childbearing years and the perinatal period, delegation, management, communicating with the client, the family and the health care team. Start date: January 12, 2012 end date May 7<sup>th</sup> 2012.

**Prerequisite(s):** The Practical Nursing Program is progressive. Students must have successfully completed the following courses with a C or better: BIOL 2233 Anatomy and Physiology I, BIOL 2291 Lab Anatomy and Physiology I, BIOL 2243 Anatomy and Physiology II, BIOL 2301 Lab Anatomy and Physiology II, or NUR 1514 PN Anatomy and Physiology : PE 2113 Nutrition, ENGL 1013 Composition I, MAT 1203 Technical Mathematics or higher mathematics course.NA 1017 Nursing Assistant, CIS 1013 Intro to Comp or CIS 2223 Micro Apps

**Text:** Leifer, Gloria. Thompson's Introduction to Maternity and Pediatric Nursing. 6<sup>th</sup> ed. Philadelphia: WB Saunders, 2003. ISBN #0-7216-

9334-2

Weiler. Study Guide for Leifer: Introduction to Maternity & Pediatric Nursing. 6<sup>th</sup> ed. Philadelphia: WB Saunders, 2003. ISBN#0-7216-9342-3.

**Attendance:** See Nursing Handbook for policies regarding attendance.

**Student Learning Outcomes:**

By the conclusion of this course, the student should be able to:

1. Discuss and teach prenatal care and adaptations to pregnancy.
2. Discuss and understand nursing care of women with complications during pregnancy.
3. Explain and understand nursing care during labor and birth.
4. Understand nursing management of pain during labor and birth.
5. Discuss and explain nursing care of women with complications during labor and birth.
6. Discuss the family unit after birth with specifics of groups and cultures.
7. Discuss the LPN's role in perinatal nursing care.
8. Discuss the nursing care of women with complications following birth.
9. Discuss the nurse's role in women's health care.
10. Understand the term newborn.
11. Understand the preterm and post term newborns.
12. Discuss the newborn with a congenital malformation.

**Homework:** Multiple Choice Questions in the study guide for each chapter should be completed and submitted prior to each class period. See assignment schedule below. See Nursing Handbook for policies regarding homework. Maternal Infant Notebook due March 13th, 2012 Handout will be given on criteria.

**Exams:** There will be nine (9) exams during the course and a comprehensive final at the completion of the material, see schedule below. Policies regarding exams are in the Practical Nursing Handbook.

**Grading Policy:** Exam scores will account for 90% of the final grade. Homework, class participation and pop test will account for 10% of the final grade. The comprehensive final will be counted as an exam grade. Class participation grades will come from class/lab evaluations. See PN handbook. To progress through the program, students must complete this course with an 78 or above. 100-93% = A, 92-85% = B, 84-78% = C, 77-65% = D, 64-0% = F.

**Student Conduct Statement:** Students at the University of Arkansas at Monticello –

College of Technology McGehee are expected to conduct themselves appropriately, keeping in mind that they are subject to the laws of the community and standards of society. The student must not conduct him/herself in a manner that disrupts the academic community or breaches the freedom of other students to progress academically.

**Academic dishonesty:**

1. Cheating: Students shall not give, receive, offer, or solicit information on examinations, quizzes, etc.  
This includes but is not limited to the following classes of dishonesty:
  - a. Copying from another student's paper;
  - b. Use during the examination of prepared materials, notes, or texts other than those specifically permitted by the instructor;
  - c. Collaboration with another student during the examination;
  - d. Buying, selling, stealing, soliciting, or transmitting an examination or any material purported to be unreleased contents of coming examinations or the use of any such material;
  - e. Substituting for another person during an examination or allowing such substitutions for one self.
2. Collusion: Collusion is defined as obtaining from another party, without specific approval in advance by the instructor, assistance in the production of work offered for credit to the extent that the work reflects the ideas of the party consulted rather than those of the person whose name is on the work submitted.
3. Duplicity: Duplicity is defined as offering for credit identical or substantially unchanged work in two or more courses, without specific advanced approval of the instructors involved.
4. Plagiarism: Plagiarism is defined as adopting and reproducing as one's own, to appropriate to one's use, and to incorporate in one's own work without acknowledgement of the ideas or passages from the writings or works of others.

For any instance of academic dishonesty that is discovered by the instructor, the result for the student (s) involved will be as follows:

1. Cheating:
  - Ineligible to attend clinical
2. Collusion, Duplicity, Plagiarism:
  - The student will receive a Zero (0) on the work submitted.

**Please refer to the Practical Nursing Handbook for information regarding policies not mentioned in this syllabus.**

**Students with Disabilities:** It is the policy of the University of Arkansas at Monticello to accommodate individuals with disabilities pursuant to federal law and the University's commitment to equal educational opportunities. It is the responsibility of the student to inform the instructor of any necessary accommodations at the beginning of the course. Any student requiring accommodations, should contact the Office of Special Student Services representative on campus: phone (870) 222-5360; fax (870) 222-1105.

**Grade Reports:** UAM will no longer mail grade reports to all students. You may access your grades through Weevilnet.uamont.edu. To have your grades mailed to you, complete the grade request form available at the Student Services office on the McGehee campus.

**Nursing of Mothers & Infants  
Assignments & Exams  
2012**

**All assignments and exams are subject to change.**

**Homework:** Study Guide Questions are due each day of lecture for the chapter being covered daily.

1/12/12	Ch. 1 & 2	
1/17/12	Exam Ch. 1 & 2	Lecture Ch.3
1/19/12	Ch. 3 cont.	
1/24/12	Exam Ch. 3	Lecture Ch. 4
1/26/12	Ch.4 cont.	
1/31/12	Exam Ch. 4	Lecture Ch. 5
2/2/12	Ch. 5 cont.	
2/7/12	Exam Ch. 5	Lecture Ch. 6
2/9/12	Ch. 6 cont.	
2/14/12	Exam Ch. 6	Lecture Ch. 7
2/16/12	Exam Ch 7	Lecture Ch. 8
2/21/12	Ch. 9	
2/23/12	Exam Ch. 8 & 9	Lecture Ch. 10
2/28/12	Ch. 11	
3/1/12	Exam Ch. 10 & 11	
3/6/12	Ch.12	
3/8/12	Ch.13	
3/13/12	Exam Ch. 12 & 13	NOTEBOOKS DUE
<b>5/7/12</b>	<b>Final Exam</b>	

**1/12/12 Chapter 1, The Past, the Present, and the Future; Assignment: Read chapter 1. Complete the multiple choice questions in the study guide**

**Student Learning Outcomes:** Upon completion of these chapters, the student should be able to:

1. Define each vocabulary term listed.
2. Contrast present-day concepts of maternity and child care with those of the past.
3. List three environmental stresses on the childbearing family.
4. List four reasons why statistics are important.
5. Discuss how one's culture affects childbirth and child care.
6. List the five steps of the nursing process.
7. Recall the contributions of persons in history in the field of maternity and pediatric care.
8. Name two international organizations concerned with maternity and child care.
9. List three federal programs that assist mothers and infants.
10. Define the role of the community-based nurse as a provider of health care to mothers and children.
11. List the organizations concerned with setting standards for nursing care of maternity and pediatric clients.
12. State the influence of the federal government on maternity and pediatric care.
13. Discuss common terms used in expressing vital statistics.
14. Contrast a nursing care plan with a clinical pathway.
15. Define the Nursing Intervention Classification (NIC) and its relationship to the nursing process.
16. Describe the Nursing Outcome Classification (NOC) and its influence on the nursing process.
17. Compare and contrast nursing and medical diagnosis frameworks with focus on North American Nursing Diagnosis Association (NANDA) taxonomy.
18. Define critical thinking.
19. Discuss the role of critical thinking in the nursing process and in clinical judgment.
20. Discuss the role of critical thinking as it relates to test taking and lifelong learning.
21. Discuss the roles and functions of a school nurse.
22. Describe the role of the community health nurse as a provider of health care.

**1/12/12 Chapter 2; Human Reproductive Anatomy and Physiology  
Assignment: Read chapter 2 and complete the multiple choice**

**questions in the study guide.**

**Student Learning Outcomes:** Upon completion of this chapter, the student should be able to:

1. Define each key term listed.
2. Describe changes of puberty in males and females
3. Identify the anatomy of the male reproductive system
4. Explain the functions of the external and internal male organs in human reproduction.
5. Describe the influence of hormones in male reproductive processes
6. Identify the anatomy of the female reproductive system.
7. Explain the functions of the external, internal, and accessory female organs in human reproduction.
8. Discuss the importance of the pelvic bones to the birth process.
9. Explain the menstrual cycle and the female hormones involved in the cycle.

**1/17/12 Chapter 3; Fetal Development**

**Assignment:** Read chapter 3 and complete the multiple choice questions in the study guide.

**Student Learning Outcomes:** Upon completion of this chapter, the student should be able to:

1. Define each key term listed.
2. Describe the process of gametogenesis in human reproduction.
3. Explain human fertilization and implantation
4. Describe embryonic development
5. Describe fetal development and the maturation of body systems
6. Describe the development and functions of the placenta, the umbilical cord, and the amniotic fluid.
7. Compare fetal circulation to circulation after birth
8. Explain the similarities and differences in the two types of twins.

**1/24/12 Chapter 4; Prenatal Care and Adaptations to Pregnancy**

**Assignment:** Read chapter 4 and complete the multiple choice questions in the study guide.

**Student Learning Outcomes:** Upon completion of this chapter, the student should be able to:

1. Define each key term listed
2. List the goals of prenatal care
3. Discuss prenatal care for a normal pregnancy

4. Explain the nurse's role in prenatal care
5. Calculate the expected date of delivery and duration of pregnancy.
6. Differentiate among the presumptive, probable, and positive sign of pregnancy.
7. Describe the physiologic changes during pregnancy
8. Identify nutritional needs for pregnancy and lactation.
9. Discuss the importance and limitations of exercise in pregnancy.
10. Describe patient education related to travel and common discomforts of pregnancy.
  
11. Discuss nursing support for emotional changes that occur in a family during pregnancy.
12. Identify special needs of the pregnant adolescent, the single parent, and the older couple.
13. Apply the nursing process in developing a prenatal teaching plan.
14. Identify the effects of medication ingestion on pregnancy and lactation.
15. Review immunization administration during pregnancy.

**1/31/12, 2/2/12**

**Chapter 5; Nursing Care of Women with Complications  
during Pregnancy**

**Assignment:**                      **Read chapter 5 and complete the multiple choice questions in the study guide**

**Student Learning Outcomes:**                      Upon completion of this chapter, the student should be able to:

1. Define each key term listed.
2. Explain the use of fetal diagnostic tests in women with complicated pregnancies.
3. Describe antepartum complications, their treatment, and their nursing care.
4. Identify methods to reduce a woman's risk for antepartum complications.
5. Discuss the management of concurrent medical conditions during pregnancy.
6. Describe environmental hazards that may adversely affect the outcome of pregnancy.
7. Describe how pregnancy affects care of the trauma victim.
8. Describe psychosocial nursing interventions for the woman who has a high-risk pregnancy and for her family.

**2/7/12, 2/9/12, 2/14/12 Chapter 6, 7; Nursing Care of Mother and Infant During Labor and Birth; Nursing Management of Pain During Labor and Birth.**

**Assignment:** Read chapter 6 and 7 and complete the multiple choice questions in the study guide

**Student Learning Outcomes:** Upon completion of this chapter, the student should be able to:

1. Define the key terms listed
2. Discuss specific cultural beliefs the nurse may encounter when providing care to a woman in labor.
3. Compare advantages and disadvantages for each type of childbearing setting: hospital, free-standing birth center, and home.
4. Describe how the four P's of labor interrelate to result in the birth of a baby.
5. Describe the four components ("four Ps") of the birth process: the powers, the passage, the passenger and the psyche.
6. Explain the normal processes of childbirth: premonitory signs, mechanisms of birth, stages and phases of labor.
7. Explain common nursing responsibilities during the labor and birth.
8. Explain how false labor differs from true labor
9. Determine appropriate nursing care for the intrapartum patient, including the woman in false labor and the woman having a vaginal birth after cesarean section (VBAC).
10. Describe the care of the newborn immediately after birth.
11. Determine nursing care of the mother during the immediate post birth period.
12. Describe factors that influence a woman's comfort during labor.
13. List common types of classes offered to childbearing families.
14. Describe methods of childbirth preparation.
15. Discuss advantages and limitations of nonpharmacologic methods of pain management during labor.
16. Discuss advantages and limitations of pharmacologic methods of pain management.
17. Explain nonpharmacologic methods of pain management for labor, including the nursing role for each.
18. Explain each type of pharmacologic pain management, including the nursing role for each.

**2/16/12**

**Chapter 8; Nursing Care of Women with Complications during Labor and Birth; the Family after Birth**

**Assignment:** Read chapter 8 and complete the multiple choice questions in the study guide

**Student Learning Outcomes:** Upon completion of this chapter the student should be able to:

1. Define each key term listed
2. Discuss each obstetric procedure discussed in this chapter.
3. Illustrate the nurse's role in each obstetric procedure.
4. Analyze the nurse's role in a cesarean birth.
5. Describe factors that contribute to an abnormal labor.
6. Explain each intrapartum complication discussed in this chapter.
7. Discuss the nurse's role in caring for women with each intrapartum complication
8. Review the nurse's role in obstetric emergencies.

**2/21/12**

**Chapter 9; the Family after Birth**

**Assignment:** Read chapter 9 and complete the multiple choice questions in the study guide

**Objectives:** Upon completion of this chapter, the student should be able to:

1. Describe how to individualize postpartum and newborn nursing care for different clients.
2. Describe specific cultural beliefs that the nurse may encounter when providing postpartum and newborn care.
3. Explain nursing care of the mother during the fourth stage of labor.
4. Describe postpartum changes in maternal systems and the nursing care associated with those changes.
5. Modify nursing assessments and interventions for the woman who has a cesarean birth.
6. Explain emotional needs of postpartum women and their families.
7. Describe nursing care of the normal newborn.
8. Describe nursing care to promote optimal infant nutrition.
9. Identify signs and symptoms that may indicate a complication in the postpartum mother or infant.
10. Plan appropriate discharge teaching for the postpartum woman and her infant.

2/23/12, 2/28/12

**Chapter 10 & 11; Nursing Care of Women with Complications Following Birth; the Nurse's Role in Women's Health Care**

**Assignment:** Read chapter 10 & 11 and complete the multiple choice questions in the study guide

**Student Learning Outcomes:** Upon completion of this chapter, the student should be able to:

1. Define each vocabulary term listed.
2. Describe signs and symptoms for each postpartum complication.
3. Identify factors that increase a woman's risk for developing each complication.
4. Explain nursing measures that reduce a woman's risk for developing specific postpartum complications.
5. Describe additional problems that may result from the original postpartum complication.
6. Describe medical management of postpartum complications.
7. Explain general and specific nursing care for each complication.
8. Explain emotional needs of postpartum women and their families.
9. Describe nursing care of the normal newborn.
10. Describe nursing care to promote optimal infant nutrition.
11. Identify signs and symptoms that may indicate a complication in the postpartum mother or infant.
12. Plan appropriate discharge teaching for the postpartum woman and her infant
13. Explain aspects of preventive health care for women.
14. Describe each menstrual disorder and its care.
15. Describe care related to induced abortion.
16. Explain each gynecologic infection in terms of cause, transmission, treatment, and care.
17. Describe the various methods of birth control, including side effects and contraindications of each method.
18. Describe how to use natural family planning methods for contraception or infertility management.
19. Describe possible causes and treatment of infertility.
20. Explain the changes that occur during the perimenopausal period and after menopause.
21. Explain medical and nursing care of women who are nearing or have completed menopause.
22. Discuss medical and nursing care of women with pelvic floor dysfunction or problems related to benign growths in the reproductive tract.

**3/6/12, 3/8/12**

**Chapter 12, 13; the Term Newborn; Preterm and Postterm Newborns**

**Assignment:**        **Read chapter 12, 13 and complete the multiple choice questions in the study guide**

**Student Learning Outcomes:**        Upon completion of this chapter, the student should be able to:

1. Define each vocabulary term listed.
2. Briefly describe three normal reflexes of the neonate, including the approximate age of their disappearance.
3. State four methods of maintaining the body temperature of a newborn.
4. State the cause and appearance of physiologic jaundice in the newborn.
5. Define the following skin manifestations in the newborn: lanugo, vernix caseosa, mongolian spots, milia, acrocyanosis, and desquamation.
6. State the methods of preventing infection in newborns.
7. Define each vocabulary term listed.
8. Differentiate between the preterm and the low-birth-weight newborn.
9. List three causes of preterm birth.
10. Describe selected handicaps of preterm birth and the nursing goals associated with each handicap.
11. Contrast the techniques for feeding preterm and full-term newborns.
12. Describe the symptoms of cold stress and methods of maintaining thermoregulation.
13. Discuss two ways to help to facilitate maternal-infant bonding for a preterm newborn.
14. Describe the family reaction to preterm infants and nursing interventions.
15. List three characteristics of the postterm baby.

**5/7/12**

**COMPREHENSIVE FINAL**

MATERNITY NOTEBOOK  
DUE March 13<sup>th</sup> 2012

This assignment will be graded as a test grade and is worth 50 points. It should be completed and placed in a binder/folder. **DO NOT USE SHEET PROTECTORS!** Questions are worth 33 points. Neatness, originality, artwork and presentation are worth 17 points. There must be a cover page and a bibliography page. Use your imagination and good luck! **No notebooks will be accepted LATE.** Assignment is due at 0800. See questions below.

**Absolutely no plagiarism is allowed. If plagiarism is suspected, you will receive a zero.** If you do not understand plagiarism then you must come see me and I will explain.

1. Identify the structures and function of the male reproductive system.
2. Explain hormonal control mechanism of the male reproductive system.
3. Identify the structures and function of the female reproductive system.
4. Explain the hormonal control and function of the female reproductive system.
5. Describe the female reproductive (menstrual) cycle.
6. Describe the structure and function of the female breasts.
7. Identify the factors that can affect normal sexual response.
8. Discuss the role of the nurse regarding sex and sexuality.
9. Describe the most common STDs; include etiology, mode of transmission, signs and symptoms, and treatment for each.
10. Discuss STDs effect on the reproductive function of the body.
11. Identify the practices that promote reproductive health.
12. Identify issues that effect decisions pertaining to family planning.
13. Define genetic counseling and its importance in maternity nursing and society.
14. List and describe at least five genetic diseases.

15. Define stem cell research.
16. Describe the types of contraceptives on the market today available to males and females; advantages, disadvantages, effectiveness, risk factors, and route of administration.
17. Define permanent (surgical) methods for contraception for males/females.
18. Identify issues that apply to the infertile couple today.
19. Identify the physiological process involved in conception.
20. Discuss the components of Prenatal Health.
21. Identify the relationship of females' pelvis' shape to childbearing.
22. Define the function of the placenta.
23. Define the function of fetal membranes.
24. Define the function of the umbilical cord.
25. Define placental barrier.
26. List and define 12 fetal health assessment tools, the risks involved with each test and what the test detects.
27. List the leading causes of neonatal mortality.
28. List and define the leading causes of maternal mortality.
29. Describe the developmental changes that occur throughout the gestational process using a body systems approach. Identify these weekly, for the 1<sup>st</sup> 12 weeks, then monthly changes.
30. Identify information typically included in preparation for childbirth classes.
31. Describe the specialized methods used to prepare women for childbirth.
32. Describe how the nurse can assess a woman's level of preparedness for childbirth.
33. Define and compare differences in fraternal and identical twins.