TRI COUNTY TECHNOLOGY CENTER
Bartlesville, Oklahoma

COURSE SYLLABUS

for

PN 1412
Maternal Newborn Nursing
Maternal Newborn Nursing

Course Title: PN 1412--Maternal Newborn Nursing

Course Allocation: 45 hours (45 Hours Theory, 0 Hours Clinical, 0 Hours Lab)

Instructor: Staff

Prerequisites: Introduction into Nursing, Anatomy & Physiology for Practical Nursing, LTCNA, Medical Terminology, Pharmacology & IV Therapy Skills, Fundamentals of Nursing, Pediatric Nursing

Course Description:
Maternal Newborn Nursing is designed to familiarize the student with the holistic approach to care for the antepartum, intrapartum, postpartum patient and the neonate. The normal processes of conception, fetal development, labor and delivery, postpartum period, and family involvement will be included. The course includes the care of the normal patient and newborn as well as those with complications.

Course Objectives:
1. Apply the nursing process in the care of the antepartum, intrapartum and postpartum patient.
2. Apply the nursing process in the care of the neonate.
3. Identify potential complications of the antepartum, intrapartum and postpartum patient.
4. Identify potential complications of the neonate.
5. Outline the nutritional needs for the maternal newborn patients.
6. Recognize the influence of family, cultural and spiritual practices on maternal newborn patients.

Antepartum Care
1. Discuss maternal physiologic adaptation to pregnancy.
2. Describe fetal development from conception to birth.
3. Contrast obstetrical screenings from conception to delivery.
4. Research pharmacological effects of medications on the developing fetus.
5. Contribute to the teaching plan regarding self-care, childbirth, parenting and infant care.

Intrapartum Care
1. Classify the stages and phases of labor.
2. Describe fetal physiologic responses to labor.
3. Describe the physiological and psychological care for a patient during labor and delivery.
4. Identify types of pain management used during labor.
5. Research pharmacological effects of medications on the laboring female and fetus during and after labor.
6. Discuss responsibility of the practical nurse while caring for the mother and newborn during delivery process.

Postpartum Care
1. Discuss the responsibilities of the practical nurse in caring for the woman in postpartum period.
2. Describe the physiologic and psychological adaptation of the woman during the postpartum period.
3. Research pharmacological effects of medications commonly used in postpartum period.
4. Discuss benefits and risks of different family planning methods.
5. Identify appropriate strategies for coping with grief and loss of infant.
6. Contribute to teaching plan needed for the postpartum period.

Newborn Care
1. Compare the expected and unexpected assessment parameters of the newborn.
2. Describe identification and safety issues concerning the newborn.
3. Discuss the responsibilities of the practical nurse in caring for the newborn.
4. Contribute the teaching plan needed for newborn care.
5. Explain what immunizations and screening tests are necessary before the newborn is discharged.
6. Differentiate between the prevalent disorders of the newborn.
7. Identify additional nursing responsibilities for the high-risk infant.

Suggested Disorders and / or Topics
The following are suggested disorders/topics:

Antepartum
Nagele’s Rule

Intrapartum
Braxton Hicks
Fetopelvic Relationship
Fetal Assessment
Contractions
Leopold’s Maneuver
Vaginal Examination
**Postpartum**
- Bonding
- Breast feeding
- Bottle feeding

**Newborn**
- HIV/AIDS
- Infections
- Congenital Heart Disease
- Cleft Lip
- Cleft Palate
- Esophageal Atresia
- Tracheoesophageal Fistula Atresia
- Club Foot
- Developmental Dysplasia of the Hip
- Down Syndrome
- Hydrocephalus
- Myelodysplasia/Spina Bifida
- Erythroblastosis Fetalis
- Intracranial Hemorrhage
- Atelectasis
- Meconium Aspiration Syndrome
- Respiratory Distress Syndrome
- Apnea
- Necrotizing Enterocolitis
- Hypoglycemia
- Jaundice
- Hemorrhagic
- Retinopathy

**INSTRUCTIONAL PROCEDURES:**

It is the responsibility of the student to prepare for completion of all activities and assignments. The course instructor is to be explicit in making assignments and in setting deadlines for completion of assignments. The instructor has a major obligation to give detailed instructions concerning hours the task is to be completed and is to work with individuals who do not understand assignments.

The major obligation of the student is that he/she demonstrates proficiency while meeting the requirements for this course. Included in this obligation is the necessity of meeting timetables for completion of activities, assignments, and tests.
INSTRUCTOR/STUDENT RESPONSIBILITIES:

The instructor of this course assumes responsibility to provide information regarding expectations of students on required assignments and activities and dates for completion.

The major obligation of the student is to demonstrate proficiency while meeting the requirements for this course. Included in this obligation is the necessity of meeting timetables for completion of activities, assignments and tests. Students who need additional help should notify the instructor who will provide additional assistance.

EVALUATION OF STUDENT ACHIEVEMENTS:

For the purpose of evaluations, points will be earned in the following areas; weighted by percentages shown:

A. Attendance & Class Participation 5%
B. Homework & Oral Presentations 15%
C. Quizzes 10%
D. Unit Test 45%
E. Final Exam 25%

Final grades will be assigned on the following scale:

100-92% = A
91-84% = B
83-76% = C
75-0% = F
Incomplete = I
Loss of Credit = L

Students will be kept informed of their grades and notified when examinations are scheduled. Quizzes will be unannounced. Any student should inquire of the course instructor if he/she does not understand or agree with the grade given.

WORK AND ASSIGNMENT MISSED:

Homework not handed in when due will receive a zero. Students who are absent because of a suspension will be assigned a zero for all work missed. Students who are absent for reasons other than suspension will have two instructional days from the last absence to make up incomplete assignments and/or tests. It is the responsibility of the student to obtain missed assignments from the instructor.
REQUIRED TEXTS, MATERIALS, SUPPLIES:

STUDENT PURCHASE:


*(Books are required for most courses but the purchase of books and supplies are not required to be made through the TCT Bookstore.)*