

Course Description Form

1. **Course Name:** Maternal and Neonate Nursing

2. **Course Code:** NUR301

3. **Semester / Year:**

(Semester-based)

4. **Description Preparation Date:**

15/1/2025

5. **Available Attendance Forms:** In person

6. **Number of Credit Hours (Total) / Number of Units (Total)**

3 hrs theory

2hrs lab

12 hrs clinical

Number of Units=8 units

7. **Course administrator's name (mention all, if more than one name)**

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8. **Course Objectives**

Course Objectives

· **At the end of the course the students will be able to :**

I. Cognitive Objectives:

1. **Describe** the structure and function of the female and male reproductive systems.
2. **Explain** the phases of the menstrual cycle.
3. **Identify** the stages of embryonic and fetal development.
4. **Formulate** nursing diagnoses related to the needs of a pregnant woman and developing fetus.
5. **Discuss** physiological and psychological adaptations to pregnancy.
6. **Explain** the causes and nursing interventions for common discomforts of pregnancy.
7. **Describe** potential complications of pregnancy and their management.
8. **Describe** the stages of labor.
9. **List** signs of labor.
10. **Distinguish** between false and true labor.



11. **Describe** physiological and psychological responses to labor.
12. **Discuss** nursing responsibilities towards the woman and her family before, during, and after normal vaginal delivery.
13. **Explain** types, indications, benefits, risks, precautions, and contraindications for obstetric operations (Episiotomy, forceps, C/S, induction, and augmentation of labor).
14. **Identify** possible complications of labor and delivery.
15. **Discuss** nursing management for normal and complicated puerperium.
16. **Explain** nursing management for the immediate and daily care of the newborn baby.
17. **Compare** and **contrast** the advantages, disadvantages, and risk factors associated with each method of family planning.
18. **Identify** common gynecological disorders.

II. Skills-Based Objectives:

1. **Demonstrate** the ability to assess the structure and function of the reproductive systems in a clinical setting.
2. **Apply** knowledge of the menstrual cycle to assess patient health and provide care.
3. **Assess** fetal development through clinical examinations and interpret key stages of development.
4. **Develop** comprehensive nursing diagnoses for pregnant women and their developing fetuses based on clinical data.
5. **Implement** nursing interventions that support physiological and psychological adaptations to pregnancy.
6. **Perform** assessments and provide nursing interventions for common pregnancy discomforts.
7. **Manage** complications of pregnancy in collaboration with healthcare teams.
8. **Assess** and document stages of labor in clinical practice.



9. **Evaluate** signs of labor in a pregnant woman and provide timely interventions.
10. **Assess** and distinguish between false and true labor through clinical observations and assessments.
11. **Monitor** and assess physiological and psychological responses to labor and respond accordingly.
12. **Carry out** nursing responsibilities before, during, and after a normal vaginal delivery, ensuring the well-being of the mother and family.
13. **Demonstrate** the ability to manage obstetric operations by understanding types, indications, benefits, risks, and necessary precautions.
14. **Monitor** and manage complications related to labor and delivery.
15. **Provide** nursing management for normal and complicated puerperium in a timely and effective manner.
16. **Assess** and implement appropriate nursing care for immediate and daily newborn management.
17. **Demonstrate** knowledge of family planning methods and counsel patients on risks, advantages, and disadvantages.

9. Teaching and Learning Strategies

Strategy	Lecture method. Small group method. Presentation method. Work shop. The method of discussion. Brainstorming method. Role-playing methods. - Extra-curricular activities method Group discussion, Writing Reports, Brain Storming
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit/Subject Name	Learning Method
1	3	Understand the anatomy and physiology of the female and male reproductive systems	Reproductive System: Puberty	Revision of anatomy and physiology of female and male reproductive systems, Menstrual Cycle
2	3	Explain normal pregnancy, fetal development, and physiological and psychological changes	Pregnancy	Development and physiology of fetus, Prenatal care, Physiological and psychological changes during pregnancy
3	3	Describe and manage common complications during pregnancy	Complications of Pregnancy	Nursing care during APH, PIH, GD, anemia
4, 5, 6	8	Understand the theories and stages of labor and manage each stage	Labor & Delivery	Theories of labor onset, Signs and components of labor, Stages of labor, Nursing management of each stage, Use of LCG in labor
7, 8	6	Manage complications during labor and delivery	Complications of Labor	Obstetrical operations: Episiotomy, forceps delivery, C/S, Induction & Augmentation of labor
9	3	Understand contraceptive methods and their advantages and disadvantages	Family Planning & Contraceptives	Hormonal, Non-hormonal, and Surgical contraceptives
10, 11, 12	8	Understand and manage puerperium care	Puerperium	Nursing management during normal and complicated puerperium, Postpartum hemorrhage, Infections
13, 14	6	Assess and manage neonatal care	Neonatal Nursing Care	Nursing assessment and management of neonates, Physiological changes and adaptation, Immediate and daily neonatal care
15	3	Identify and manage common gynecological disorders	Gynecological Disorders	Benign and malignant genital tract conditions, Menstrual disorders, Infertility

11. Course Evaluation

Assessment Methods	Percentage
Midterm Exam	15%
Quizzes	5%
Seminar	5%
Clinical Evaluation and Reports	15%



Final Lab Exam	20%
Final Theory Exam	40%
12. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	<p>Essential Obstetrics and Gynaecology, Symonds. Fifth Edition.2013 Essentials of maternity, newborn & women's health nursing, Susan Scott Ricci. 3rd ed.2013</p>
Main references (sources)	<ul style="list-style-type: none"> • Williams Obstetrics by F. Gary Cunningham, Kenneth J. Leveno, Steven L. Bloom, and Cathy M. Spong • Maternity and Women's Health Care by Judith M. Rhoades, Phyllis G. Davis, and Lynda A. Juarez • Manual of Obstetrics by Richa Saxena and Praveen Kumar • Neonatal Intensive Care Nursing: A Case-Based Approach by Elaine M. McEwen • Clinical Gynecology by William H. Parker and Tommaso Falcone • Maternal-Child Nursing Care by Susan L. A. Johnson, Mary Ann McMorrow, and Maria McNally • Essentials of Maternity, Newborn, and Women's Health Nursing by Susan Scott Ricci, Michelle L. Kyle • Berek & Novak's Gynecology by John O. Schorge, Jonathan S. Berek • Obstetric Nursing: Principles and Practice by Diane M. Fraser and Margaret A. Cooper
Recommended books and references (scientific journals, reports...)	<ol style="list-style-type: none"> 1. Obstetrics and Gynecology" by Charles R. B. Beckmann, Frank W. Ling, Barbara J. Smith, and Stephen L. Todd 2. "Maternal and Child Health Nursing: Care of the Childbearing and Childrearing Family" by Adele Pillitteri



	<ol style="list-style-type: none"> 3. "High-Risk Pregnancy: Management Options" by David K. James 4. "Clinical Obstetrics and Gynecology" by David L. K. Gardner, Peter C. J. L. C. D. DeLancey 5. "Obstetric & Gynecologic Nursing" by Deitra Leonard Lowdermilk, Shannon H. Perry, Mary C. Bobak
<p>Electronic References, Websites</p>	<ul style="list-style-type: none"> • PubMed (https://pubmed.ncbi.nlm.nih.gov/) • ClinicalKey (https://www.clinicalkey.com/) • Cochrane Library (https://www.cochranelibrary.com/) • UpToDate (https://www.uptodate.com/) • National Institute for Health and Care Excellence (NICE) (https://www.nice.org.uk/) • The Lancet - Obstetrics and Gynecology (https://www.thelancet.com/journals/lanog)
<p>Course Development Plan</p>	<p>Integrate the most recent research and global standards into the curriculum.</p> <ul style="list-style-type: none"> ○ Add new topics such as artificial intelligence in critical care and post-resuscitation care. <p>Teaching Method Improvements:</p> <ul style="list-style-type: none"> • Case-Based Learning (CBL): <ul style="list-style-type: none"> ○ Use case studies to enhance critical thinking and real-world application of concepts. ○ Allow students to analyze and discuss clinical scenarios in a collaborative environment. • Incorporate Clinical Simulation: <ul style="list-style-type: none"> ○ Use clinical simulations to enhance practical training and allow students to experience real life situations in a controlled setting. • Implement Blended Learning: <ul style="list-style-type: none"> ○ Combine in-person learning with interactive online platforms to offer a more flexible and engaging learning experience for students.

