



**An-Najah National University**  
**Faculty of Medicine & Health Sciences**  
Department of Nursing & Midwifery  
***Maternal Health Nursing / Theory***  
**First Semester 2023-2024**

- Course Credit Hours: 3/ Theory
- Course Code: 7405303
- Prerequisite: Adult Health Nursing (II)
- Course Category: Department Requirement

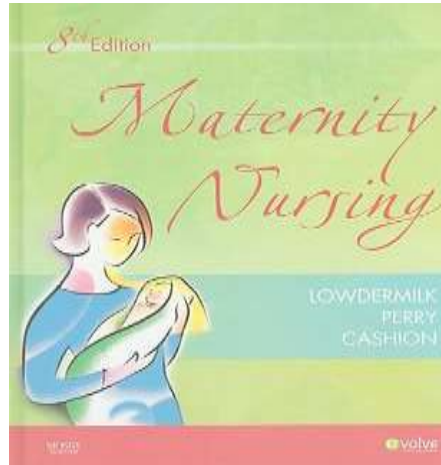
***Instructors & Revised by:***

10/8/2014 - 16/8/2015 - 18/7/2017- 20/8/2020 - 16/8/2023

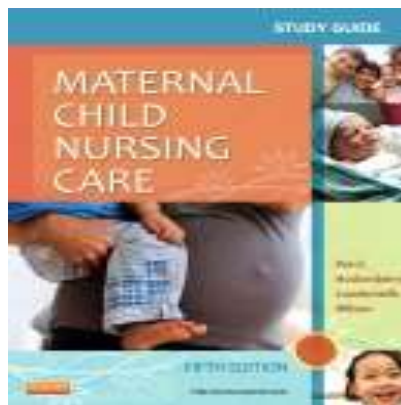
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### ***Textbook and References:***

- Lowdermilk, D., Perry, S., Cashion, K. (2010). Maternity Nursing (8<sup>th</sup>ed.). Mosby, Inc.



- <http://healthphone.org> (health and nutrition educational, instructional, tutorials and training)
- Perry, S., Hockenberry, M., Lowdermilk, D., Wilson, D. (2014). Maternal Child Nursing Care (8<sup>th</sup>ed.). Mosby, Inc.



- Durham, F., Chapman, L. (2014). Maternal-newborn nursing: The critical components of nursing care (2nd ed). F. A. Davis Company



## **Course Description**

The theory course provides opportunities for the students to acquire adequate knowledge base in the area of reproductive health, and gynecologic and neonatal nursing utilizing knowledge from the biophysical sciences, humanities, growth and development, problem solving and the nursing process: to promote, and maintain, health of individual's families and groups with needs related to reproductive health, and safe motherhood. Common gynecological and neonatal problems are also introduced with an expanded knowledge related to women's health issues. The course includes the study of obstetrics and the nursing care of women during various phases of child-bearing.

## **Intended Learning Outcomes and Competences;**

### **a- Knowledge and Understanding**

- a1. Identify the structures and functions of the female reproductive system.
- a2. Identify the reasons why women enter the health care delivery system, including preconception care.
- a3. Clarify the components of taking a woman's history and performing a physical examination.
- a4. Describe expanded roles for nurses in genetics and genetic counseling.
- a5. Explain the following,
  - The process of fertilization.
  - The development, structure, and functions of the placenta.
  - The composition and functions of the amniotic fluid.
  - The three organs or tissues arising from each of the three primary germ layers.
- a6. Clarify gravidity and parity by using the five – and two – digit systems.
- a7. Explain the;
  - Various types of pregnancy tests
  - Expected maternal anatomic and physiologic adaptations to pregnancy for each body system.
  - Presumptive, probable, and positive signs of pregnancy.
- a8. Explain recommended maternal weight gain during pregnancy.
- a9. Explain five factors that affect the labor process.
- a10. Clarify the nursing role in the management of the discomfort of a woman in labor.
- a11. Explain the baseline FHR and evaluate periodic changes.
- a12. Describe the anatomic and physiologic changes that occur during the postpartum period.
- a13. Explain the purpose and components of the Apgar score.
- a14. Differentiate between;
  - The types of diabetes mellitus and their respective risk factors in pregnancy.
- a15. Differentiate;
  - The defining characteristic of gestational hypertension, preeclampsia and eclampsia, and chronic hypertension.
  - Among the causes, signs and symptoms, possible complications, and management of early pregnancy bleeding and late pregnancy bleeding.
- a16. Differentiate between preterm labor, PROM, post term.
- a17. Discuss obstetric emergencies and their appropriate management.

- a18. Identify the causes, signs and symptoms, and medical and nursing management of postpartum hemorrhage, Postpartum infections, Postpartum Psychologic.
- a19. List the common causes of infertility
- a20. Discuss the menopause, signs and symptoms.
- a21. Discuss the osteoporosis, signs and symptoms and treatment
- a.22 Discuss the safety and security action that should include in care process

## **B- Intellectual Skills.**

- b1. Compare the various methods of contraception
- b2. Compare the signs and symptoms among common menstrual disorders
- b3. Interpret testing techniques required for diagnosis of pregnancy
- b4. Demonstrate the gravidity and parity by using the five – and two – digit systems (giving example).
- b5. Demonstrate the estimation date of birth (expected date of delivery).
- b6. Compare FHR monitoring performed by intermittent auscultation with external and internal monitoring through giving examples for both of them.
- B7. Demonstrate the security measure that should apply during caring and birth process

## **C- General and transferable skills**

- c1. Independently learning.
- c2. Educational Video for demonstration main subjects (fetal circulation, fetal development, delivery process, ect...).

## **Teaching and Learning Methods**

<b>Tool</b>	<b>Purpose</b>	<b>ILOs</b>
<ul style="list-style-type: none"> <li>▪ Lectures</li> </ul>	To explain the theoretical knowledge for each topic	a1.,a2.,a3.,a4.,a5.,a6.,a7.,a8.,a9.,a10.,a11.,a12., a13.,a14.,a15.,a16.,a17.,a18.a19,a20, b1., b2.,b3.,b4.,b5.,b6.,c1.,c2.

## **Teaching Resources**

- Lectures
- Discussions – Research activity
- Audio – visual aids e.g. educational films.
- Moodle

## **Assignment Criteria**

<b>Activity</b>	<b>Percent (%)</b>
<ul style="list-style-type: none"> <li>▪ Midterm exam</li> </ul>	30
<ul style="list-style-type: none"> <li>▪ Assignment</li> </ul>	20
<ul style="list-style-type: none"> <li>▪ <b>Final exam</b></li> </ul>	50
<b>Total</b>	<b>100</b>

## Course Outline

[illegible]

	<ul style="list-style-type: none"> <li>Complications <ul style="list-style-type: none"> <li>• Placenta Previa</li> <li>• Placental Abruption</li> <li>• Placenta Accreta <ul style="list-style-type: none"> <li>• Abortion</li> </ul> </li> <li>• Ectopic Pregnancy</li> </ul> </li> <li>• Gestational Trophoblastic Disease <ul style="list-style-type: none"> <li>- Infections</li> </ul> </li> <li>• Sexually Transmitted Infections <ul style="list-style-type: none"> <li>• TORCH Infections</li> </ul> </li> <li>- Pregestational Complications <ul style="list-style-type: none"> <li>• Iron-Deficiency Anemia</li> </ul> </li> </ul>	3 hours  3 hours
	Maternal and fetal Nutrition ... Self reading by Students	
Unit Two	The Intrapartal Period	
Chapter One	Intrapartum Assessment and Interventions <ul style="list-style-type: none"> <li>– Labor Triggers</li> <li>– The Process Of Labor</li> <li>– Onset Of Labor</li> <li>– Stages Of Labor And Childbirth <ul style="list-style-type: none"> <li>– The Newborn</li> </ul> </li> </ul>	3 hours
Chapter Two	Fetal Heart Rate Assessment <ul style="list-style-type: none"> <li>– Modes Or Types Of Fetal And Uterine Monitoring <ul style="list-style-type: none"> <li>– FHR And Contraction Pattern Interpretation</li> </ul> </li> </ul>	3 hours
Chapter Three	High-Risk Labor and Birth <ul style="list-style-type: none"> <li>– Malpresentation Of The Fetus <ul style="list-style-type: none"> <li>– C/S</li> </ul> </li> <li>– Post-Term Pregnancy</li> <li>– Obstetrical Emergencies <ul style="list-style-type: none"> <li>• Prolapse of the Umbilical Cord</li> <li>• Rupture of the Uterus</li> </ul> </li> </ul>	3 hours
	Management of Discomfort..... Self reading by Students	
Unit Three	Postpartal Period	
Chapter One	Postpartum Physiological Assessments and Nursing Care  Contraception	3 hours  3 hours
Chapter Two	High-Risk Postpartum Nursing Care	
Unit Four	Women's health issues	3 hours
Chapter One	<ul style="list-style-type: none"> <li>▪ Menstrual Disorders</li> <li>▪ Endometriosis</li> <li>▪ Infertility</li> <li>▪ Osteoporosis</li> </ul>	