

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Obstetrics &Gynecology (Theory)
Course number	NURS4325
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - • Discuss the human sexuality, structure and function of the reproductive organs and reproductive process and hormones related.
- 2 - • Describe the physiological changes underlying adaptation that occur during pregnancy, labour, and postnatal period.
- 3 - • Describe the mechanism of labour and care of the mother during its stages.
- 4 - • Discuss the post natal period and care.
- 5 - • Describe bleeding in early pregnancies and its management and nursing care.
- 6 - • Explore the obstetric emergency and mal presentation mal position of the baby.
- 7 - • Provide the immediate nursing care of newborn and using Apgar score.

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * • Describe the roles of nurse during reproductive age of woman. * • Define professional, personal, ethical values and norms in care of the mother throughout pregnancy, childbirth and the puerperium. * • Comprehend the essential deviations from normalcy during pregnancy, labor, puerperium. * • Establish short term and long term plan of care based on identified need/ problems of the mother and neonate with critical health problems. * • Identify the value of preventive, promotive and rehabilitative role during maternity and childhood.
Intellectual Skills	<ul style="list-style-type: none"> * • Diagnose physical and psychological alteration during normal pregnancy, labor. * • Analyze any abnormal signs or symptoms that indicate any disorder or complications of immediate postpartum period. * • Evaluate the risk/ benefit ratio of various family planning methods.
Professional Skills	<ul style="list-style-type: none"> * • Demonstrate physical examination of the women across different stages of childbearing experience. * • Perform nursing intervention, conduct educational session regarding preventive measures during child bearing * • Use therapeutic communication skills while caring of the childbearing women. * • Apply immediate neonatal care. * • Apply immediate neonatal care.
General Skill	<ul style="list-style-type: none"> * • Create nursing process as a framework to compose and implement a plan of care for women during the child birth experience. * • Enhance good relationship between student and woman in labor. * • Prepare the woman for healthy and normal delivery.

Course Contents

- 1 - 1. Introduction to mother and child health.
- 2 - 2. Human sexuality - Male reproductive system - Female reproductive system
- 3 - 3. Hypo-pituitary-ovarian and testicular hormones - Menstrual cycle - Fertilization and pregnancy
- 4 - 4. Fetal physiology and fetal circulation
- 5 - 5. Pregnancy - Physiological changes during pregnancy - Diagnoses of pregnancy - Signs and symptoms of pregnancy
- 6 - 6. Antenatal care - Importance - Booking visit - Follow up visit
- 7 - 7. Labour: - Mechanism of labour - Stages of labour - Care of the mother during stages of labour - Pain relief during labour - Immediate care of new born after delivery.
- 8 - 8. The postnatal care - Changes of the body system and involution - Maternal recovery, the return to non-pregnant physiology and the onset of lactation - Bonding and attachment - Infant growth and development
- 9 - 9. The puerperium period - Lactation and breast-feeding - Postnatal exercises - Nutrition, hygiene and health promotion - Family planning
- 10 - 10. Bleeding in pregnancy - Abortion - Antepartum hemorrhage (abrupt placenta and placenta praevia) - Ectopic pregnancy - Vesicular (hydatidiform) mole
- 11 - Diseases associated with pregnancy. - Rubella - Cardiac disease - Anemia's - Renal problems - Diabetes mellitus
- 12 - Disorder of amniotic fluid
- 13 - Prolonged pregnancy and disorder of uterine action. - Prolonged labour and obstructed labour - Induction of labour - Acceleration of labour
- 14 - Obstetric emergency - Cord prolapse - Cord presentation - Vasa praevia - Amniotic fluid embolism - Ruptured uterus
- 15 - Obstetric anesthesia and operation.
- 16 - Forceps deliver
- 17 - Complication of third stage of labour - Postpartum hemorrhage
- 18 - 18. Complication of the puerperium - Puerperal pyrexia & infection - Thrombosis - Deep vein thrombosis - Psychiatric disorder of the puerperium
- 19 - Assessment and immediate care of newborn - Initial assessment - Apgar scoring - Period of activity - Gestational age assessment - Neurological assessment - Behavioral assessment

Teaching and Learning Methods

- 1 - • Interactive lectures.
- 2 - • Group discussion
- 3 - Demonstration
- 4 - -Audiovisual aids.

Teaching and Learning Methods for the Disabled Students

- 1 - • Computer Assisted Instruction
- 2 - • Multimedia activities & Audio visuals
- 3 - Interactive educational activities

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First mid-term exam	All, as related to topics 1-7	20%
Second mid-term exam	All, as related to topics 7-12	20%
Attendance and discussion		5%
Homework and project reports		5%
Final Written Exams	All as related to all taught topics.	50%

Books and References

Course note	Available at the University's library.
Essential books	<ol style="list-style-type: none">1. Ward, S. L. & Hisley, S. M. (2011). Maternal-child nursing care: optimizing outcomes for mothers, children, & families. Philadelphia: F.A. Davis Company.2. Towle, M.A. & Adams, E.D. (2013). Maternal-Child Nursing Care. Upper Saddle River, NJ: Pearson Education.3. Nettina, Sandra M Lippincott Manual of Nursing Practice, 11th Edition
Recommended books	<ol style="list-style-type: none">1. Davidson, M., London, M., & Ladewig Maternal-newborn nursing and women's health across the lifespan Boston: Pearson (11th ed.)2. Murray, Sharon Smith etal; Foundation of Maternal & Newborn Nursing; 5rd Edition, Philadelphia, W.B. Saunders Company, 20133. DLowder milk, Perry (2009). Maternity Nursing. Mosby.
Other References (Periodical, web sites, etc.)	http://womenshealth.gov/pregnancy/you-are-pregnant/staying-healthy-safe.html#b