



Course Specifications

Course Title:	Maternal and Gynecological Nursing
Course Code:	56043305-5
Program:	Bachelor degree of Nursing- Nursing program.
Department:	Nursing practice
College:	Faculty of Nursing
Institution:	Umm Al- Qura University

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A. Course Identification

1. Credit hours: 5			
2. Course type			
a.	University <input type="checkbox"/>	College <input checked="" type="checkbox"/>	Department <input type="checkbox"/>
b.	Required <input checked="" type="checkbox"/>	Elective <input type="checkbox"/>	Others <input type="checkbox"/>
3. Level/year at which this course is offered:			
4. Pre-requisites for this course (if any): Human Anatomy for Nursing Human Physiology for Nursing. Ethics			
5. Co-requisites for this course (if any):			

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom		30%
2	Blended		
3	E-learning		30%
4	Distance learning		
5	Other (Hospital Training)		40%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	30 hours
2	Laboratory/Studio	30 hours
3	Tutorial	
4	Others (specify) Hospital Training	60 hours
	Total	120 hrs

B. Course Objectives and Learning Outcomes

1. Course Description

This course focuses on maternal-newborn nursing and women's health care. It includes nursing care needed for childbearing women and their families through all stages of maternal life. Ante- partum, intrapartum, postpartum, newborns and the gynecological care of women are explained. Care of women in late stage of life is also included in this course. The course includes application of the nursing process based on critical thinking and holistic approach in giving nursing care modalities, effective communication, professionalism, and ethics.

2. Course Main Objective

- Describe process of conception and fetal development.
- Provide prenatal care based on assessment of the pregnant woman and the fetus.
- Provide nursing care needed for childbearing women and their families through all
- Carry out immediate care of the newborn.
- Provide nursing care for women with gynecological problems.

Briefly describe any plans for developing and improving the course that are being implemented. (e.g. increased use of IT or web based reference material, changes in content as a result of new research in the field)

- Use of web based reference and evidence based practice to prepare students' presentation.
- Use of video films and training in lab before practicing in hospital.

Encourage students to participate in presentation of seminars after reviewing the latest researches and studies.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge and Understanding	
1.1	Describe the fundamental concepts of female reproductive system.	K1
1.2	Recognize the process of conception and fetal development.	K2
1.3	State the physiological changes and minor discomforts during pregnancy, labor, and the postpartum period.	K3
1.4	Recognize the appropriate healthcare needs of antepartum, intrapartum and postpartum mothers.	K4
2	Skills :	
2.1	Design nursing care plans reflecting the integration of theory and evidence-based practices for a mother during pregnancy, labor, and puerperium.	S1
2.2	Apply the decision-making process to establish priority-based and appropriate required maternity nursing care.	S2
2.3	Communicate efficiently with the antenatal, intranatal, and postnatal mothers.	S8
2.4	Integrate evidence-based nursing care for the women of childbearing and postpartum.	S4
2.5	Employ current and evolving technologies and information systems to communicate while working with the multidisciplinary team relevantly.	S7
3	Values:	
3.1	Follow ethical principles in dealing with antepartum, intrapartum and postpartum mothers.	V3
3.2	Demonstrate professional ethics while dealing with multidisciplinary health care providers.	V3
3.3	Integrate the principles and practices associated with necessary nursing procedures to deliver and maintain quality patient care.	V2

C. Course Content

No	List of Topics	Contact Hours
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1	Introduction & Course Syllabus Pregnancy <ul style="list-style-type: none"> • Revision of anatomy of female reproductive system. • Physiology of Pregnancy. • Conception and reproductive cycle. • Nursing care during normal pregnancy. 	4 Hours
2	Labor and delivery <ul style="list-style-type: none"> • Anatomy of fetal skull. • Physiology of labor. • Fetal monitoring. • Nursing care during labor. 	4 Hours
3	Postpartum period <ul style="list-style-type: none"> • Physiologic changes during postpartum period. • Care during the puerperium. • Assessment and care of newborn. 	4 Hours
4	High Risk Pregnancy <ul style="list-style-type: none"> • Pregnancy induced hypertension • Bleeding in pregnancy (early and late). • Diabetes in Pregnancy. • Anemia in Pregnancy. • Heart disease in pregnancy. 	8 Hours
5	Labor and birth at risk. <ul style="list-style-type: none"> • Abnormal Labor. 	2 Hours
6	Postpartum complications. <ul style="list-style-type: none"> • Post partum hemorrhage. • Post partum infection. 	2 Hours
7	Gynecological care of the women <ul style="list-style-type: none"> • Gynecological problems and its nursing care. 	2 Hours
8	Women's health in late stage of life <ul style="list-style-type: none"> • Menopause/ osteoporosis. • Diseases of the breast. • Violence against women. 	2 Hours
9	Revision	2 Hours
	Practical procedures and hospital training: <ul style="list-style-type: none"> • History taking. 	18 Hours

	<ul style="list-style-type: none"> • Abdominal examination during pregnancy. • Physical examination during pregnancy. • Breast assessment. <p><u>Hospital Training :</u> <u>Antenatal unit:</u></p> <ol style="list-style-type: none"> 1. Assess pregnant woman during the booking (initial) visit through the following lines: <ul style="list-style-type: none"> ▪ Taking history. ▪ Perform General examination. ▪ Perform Abdominal examination: Fundal height, position and presentation of the fetus and auscultation of fetal heart sound. ▪ Assist in obtaining blood sample for Complete blood count. ▪ Testing urine for albumin and glucose. ▪ Assess psychological state of women. 2. Provide nursing care for normal and high risk pregnant women. 3. Conduct health teaching session. 	
	<ul style="list-style-type: none"> • Vaginal examination during labor. • Intrapartum assessment using Partograph. • Newborn assessment. • Immediate care of the newborn. <p><u>Labour and delivery unit :</u></p> <ul style="list-style-type: none"> ▪ Use of partograph ▪ Provide nursing management. ▪ Assess uterine contractions. ▪ Perform intrapartum monitoring. ▪ Perform immediate care of newborn. ▪ Assist the mother to initiate breastfeeding. ▪ Conduct health education & counselling sessions for normal labour. 	18 Hours
	<ul style="list-style-type: none"> • Postpartum assessment. • (Physical examination and care). • Fundus and Lochia assessment. • Placenta examination. <p><u>Post-partum unit:</u></p> <ol style="list-style-type: none"> 1. Assess postnatal woman during admission to the unit through the following lines: <ul style="list-style-type: none"> ▪ Observe and record the following every 15 minutes to 2 hours. <ul style="list-style-type: none"> ○ Check maternal vital signs. ○ Observe type of lochia & determine its amount. ○ Assess the condition of the urinary bladder (fullness) and check frequency of void. ○ Assess the condition of the perineum. 2. Clean the woman, change her clothes, swab the perineum and apply clean pad. 	18 Hours

	3. Put the infant to the breast as soon as possible to encourage early bonding and early breast feeding. 4. Assess postpartum problems. 5. Management of postpartum problems. 6. Counselling and health education about maternal care (hygiene, activity, danger s/s, rest, care of newborn , follow up care ,baby feeding and resumption of sexual activity. 7. Assess, plan and implement nursing care plan. 8. Conduct newborn assessment 9. Provide care of newborn.	
	<ul style="list-style-type: none"> • Preoperative and postoperative care for gynecological patient. • Vaginal irrigation or douche. 	12 Hours
	Formal practical evaluation.	6 Hours
	Revision	6 Hours
	Students' presentations	6 Hours
Total		

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge		
1.1	Describe the fundamental concepts of female reproductive system.	Lecture, class discussion, independent student presentation or assignment.	Mid-term exam & Final written.
1.2	Recognize the process of conception and fetal development.		
1.3	State the physiological changes and minor discomforts during pregnancy, labor, and the postpartum period.		
1.4	Recognize the appropriate healthcare needs of antepartum, intrapartum and postpartum mothers.		
2.0	Skills		
2.1	Design nursing care plans reflecting the integration of theory and evidence-based practices for a mother during pregnancy, labor, and puerperium.	Group discussion, clinical conference. Demonstration of the nursing techniques and procedures, staff observation and guided practice in lab and hospital ,self and peer evaluation, independent practice	Mid-term exam & Final written. - Documenting checklist. -Observation check list. -Concept map. -Final practice. -Formal Evaluation.
2.2	Apply the decision-making process to establish priority-based and appropriate required maternity nursing care.		
2.3	Communicate efficiently with the antenatal, intranatal, and postnatal mothers.		

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
2.4	Integrate evidence-based nursing care for the women of childbearing and postpartum.		
2.5	Employ current and evolving technologies and information systems to communicate while working with the multidisciplinary team relevantly.		
3.0	Values		
3.1	Follow ethical principles in dealing with antepartum, intrapartum and postpartum mothers.	Clinical practice group assignment. Use of internet for preparing presentations, use of laptops and plasma screen for presentation.	Observation & Interpersonal evaluation checklist. Observation & Interpersonal evaluation checklist.
3.2	Demonstrate professional ethics while dealing with multidisciplinary health care providers.		
3.3	Integrate the principles and practices associated with necessary nursing procedures to deliver and maintain quality patient care.		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Semester Clinical Activities Formal evaluation OSCE (10%) Clinical practice (30 %)	Continuous	40 %
2	Students Activities (such as presentation, brochure, poster, video,)	9	10%
3	Midterm exam	8	10 %
4	Final practical exam	13 &14	10%
5	Final theoretical exam	17&18	30 %
	Total		100%

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

- **Academic office hours:** Each teacher announces 2 hours per week.
- **Academic advisor:** Each student has one teacher as academic adviser to help student's progress in teaching and solve any related problem.

Referral system: Students who do not respond to academic advising and need more help are referred to the head of the department

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	<ul style="list-style-type: none"> • Diane, M.F., & Cooper M.A. (2020). Myles Survival Guide to Midwifery, Revised Edition, Elsevier. • Jayne, M., & Maureen R. (2020). Myles Textbook for Midwives, 17th Edition, Elsevier, July 2020. • Ricci S. (2013): Essentials of Maternity, Newborn and Women's Health Nursing, 4th. Edition, Revised 2020, Lippincott, Williams & Wilkins.
Essential References Materials	<ul style="list-style-type: none"> • Journal of Obstetric and Gynecological Nursing. • Journal of Maternity Nursing.
Electronic Materials	<p>www.articles.com http:// www.nas.org Yahoo.com. Nursingcenter.com</p>
Other Learning Materials	<p><u>Video</u></p> <ul style="list-style-type: none"> • Postpartum Care, Maternity Nursing Video Series, Lippincott William and Wilkins. ISBN: 0-7817-7511-6, Vol. (4). • Caesarean Delivery, Maternity Nursing Video Series, Lippincott William and Wilkins. ISBN: 0-7817-9532-x, Vol. (3). • Labor and delivery vaginal birth, Maternity Nursing Video Series, Lippincott William and Wilkins. ISBN: 0-7817-7590-6, Vol. (2). • Prenatal care, Maternity Nursing Video Series, Lippincott William and Wilkins. ISBN: 0-7817-8250-3, Vol. (1). <p><u>DVD</u></p> <ul style="list-style-type: none"> • Clinical simulations in maternity nursing, normal and prolonged labor. Lippincott William and Wilkins. • Nursing care of high risk maternity patient and family, association of women's health obstetric and neonatal nurses, Lippincott, AWHONN. • Normal pregnancy, labor, birth and newborn, association of women's health obstetric and neonatal nurses, Lippincott, AWHONN.

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	<ul style="list-style-type: none"> • Class room (capacity of 50 chairs) • Maternal and gynecological nursing laboratory (50-55) • Clinical hospital setting (Maternity and Children Hospital). <ul style="list-style-type: none"> ▪ Outpatient antenatal clinic. ▪ Delivery rooms. ▪ High risk wards.

Item	Resources
	<ul style="list-style-type: none"> Postpartum and gynecological departments.
Technology Resources (AV, data show, Smart Board, software, etc.)	<ul style="list-style-type: none"> Computer resources are required in class room and laboratory. There is a need for computer lab. with internet access.
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Obstetric lab is well equipped and has following equipment. <ul style="list-style-type: none"> Female pelvic model. Cervical dilatation effacement simulator. Computer and interactive maternal and neonatal birthing simulators. Episiotomy suturing stimulators. Child birth simulator with fetal heart sound. Embryonic development. Female catheterization simulator model. Normal delivery instruments Kits (tray). Sonicaid.

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
1. Strategies for Obtaining Student Feedback on Effectiveness of Teaching	Students, Program Leaders, and Peer Reviewer.	<ul style="list-style-type: none"> Confidential completion of standard course evaluation questionnaire by the center of evaluation in the university. Focused group discussion with small groups of students.
2. Other Strategies for Evaluation of Teaching by the Instructor or by the Department	Faculty, Program Leaders, and Peer Reviewer.	<ul style="list-style-type: none"> Head of department evaluation.
3. Processes for Improvement of Teaching	Faculty, Program Leaders, Peer Reviewer.	<ul style="list-style-type: none"> Ongoing workshops for staff developments. Follow the new issues in teaching strategies and methods.
4. Processes for Verifying Standards of Student Achievement (e.g. check marking by an independent member	Program Leaders, and Peer Reviewer.	<ul style="list-style-type: none"> Assignments / presentations are discussed and scored by more than one teacher.

Evaluation Areas/Issues	Evaluators	Evaluation Methods
teaching staff of a sample of student work, periodic exchange and remarking of tests or a sample of assignments with staff at another institution)		<ul style="list-style-type: none"> Review of maternity exam by experts in the specialty. The verifying process with other institution is not available but there is a plan to implement in future. Review the semester activities of students by faculty staff members outside the specialty.
5. Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement.	Faculty, Program Leaders, and Peer Reviewer.	<ul style="list-style-type: none"> Curriculum committee periodical refining & revising.

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	Nursing practices department council
Reference No.	460140414425/31990 تمت المصادقة برقم
Date	7-6-1442H