

Kurdistan Region Government

Ministry of Higher Education and Scientific Research

Erbil Polytechnic University



**Module (Course Syllabus) Catalogue**

**2023-2024**

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| **College/ Institute** | **Erbil Medical Technical Institute** | |
| **Department** | **Nursing** | |
| **Module Name** | **Maternity Nursing** | |
| **Module Code** | **MAN305** | |
| **Degree** | **Technical Diploma Bachelor High Diploma Master PhD**  ■ | |
| **Semester** | **3** | |
| **Qualification** |  | |
| **Scientific Title** |  | |
| **ECTS (Credits)** | **6**  ■ | |
| **Module type** | **Prerequisite Core Assist.** | |
| **Weekly hours** |  |  |
| **Weekly hours (Theory)** | **( 2 )hr Class** | **( )Total hrs Workload** |
| **Weekly hours (Practical)** | **( 2 )hr Class** | **( )Total hrs Workload** |
| **Number of Weeks** | **12** | |
| **Lecturer (Theory)** | **Maryam Y. Yaseen MSc in Maternity Nursing** | |
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| **Lecturer (Practical)** | **Nergiz Adil Jemil** | |
| **E-Mail & Mobile NO.** | **Chawhaeze@gmail.com** | |
| **Websites** |  | |

**Course Book**

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| **Course Description** | This course serves as a foundation for nursing courses of the program. It is designed to provide students to acquire a comprehensive knowledge & skills necessary in providing care for normal and high-risk women during: prenatal, antenatal, postnatal, periods, with the knowledge of basic maternity nursing principles, theory, and skills needed for practicing on maternity unit. The course emphasizes the unique nature of client’s needs and importance of holistic maternity care. It uses the midwifery/ nursing/ process framework combined with application of knowledge gained from other the subjects of the program. This course also provides laboratory guided experience which helps the students to develop psycho-motor skills needed to provide safe basic midwifery and nursing care. The course focuses on development of skills related to hospitalization, maintaining safe environment, personal self-care during pregnancy, labour, and postpartum period. This course will prepare the students in performance of pregnancy terms assessment, nursing intervention for each problem during labour, (care, and education before, during, and after delivery). Maternity nursing focuses on helping families to meet health needs associated with childbearing experience. The course also provides knowledge and skills relative to neonates’ care. Students are trained in various settings: Maternity hospitals, primary health centres & Family planning clinic. | | | | | | |
| **Course objectives** | **General objective:**  Acquire general knowledge about maternity nursing    **Specific objectives:**    1- Explain some words related to maternity.  2- Describe the structure & function of female & male reproductive system.  3- Describe normal pregnancy & Gestational age & EDD  4- Discuss physiologic & psychological adaptation to pregnancy  5- Identify stages of embryonic-fetal development & describe growth & development of fetus month by month  6- Describe complications of pregnancy and its management  7 - Describe the stages of labour & List preliminary signs of labour  8- Explain types, indication, benefits, risk, contraindications of obstetrical operation  9- Describe postpartum period and its complication and breast feeding  10- Discuss nursing management for common gynecological disorders  11- Provide immediate new-born car | | | | | | |
| **Student's obligation** | **Theoretical exams include:**  Written exam: Final and mid-season exam consist of: matching, multiple choice, true and false questions and case with problem-situation questions  Quizzes: short, surprise tests  Preparation of reports, homework, seminar presentation. general activities.  **Clinical Exams**  Clinical exams are carried out by continuous evaluation and assessment of students’ during the course. Performing duties and assignment and performance of students during the course in presentation and active discussion and participation in the activities will be observe and evaluated by teachers and clinical instructors. | | | | | | |
| **Required Learning Materials** | **Laboratory practice**: maternity skills laboratory with equipment for maternity skills training such as gowns, gloves, white coat, stethoscope, sphygmomanometer, obstetrical examination equipment, female reproductive system, pelvic bone, mother and child, white board, computer with equipment for PowerPoint presentations, posters, group discussion, group work.  **Clinical practice:** equipment available in various clinical settings, real work with patient and client. clinical mentorship. | | | | | | |
| **Evaluation** | ‌ **Task** | | **Weight (Marks)** | | **Due Week** | | **Relevant Learning Outcome** |
| Paper Review | |  | |  | |  |
| Assignments | Homework | 5 | |  | | Learn for search about some subject |
| Class Activity | 2 | |  | | Learn to be active in class and do feedback |
| Report | 5 | |  | | Learn for team work & how prepare a paper |
| Seminar | 5 | |  | | Learn for team work & how prepare a seminar and present they work and prepare power point |
| Essay |  | |  | |  |
| Project |  | |  | |  |
| Quiz | | 8 | |  | | Preparation for mid exam and reflect how much they learn in class |
| Lab. | | 10 | |  | | Learning speak with patient and educate them, taking history, diagnose problem and management |
| Midterm Exam | | 25 | |  | | Show how much they learn |
| Final Exam | | 40 | |  | | Show how much they learn |
| Total | | 100 | |  | |  |
| **Specific learning outcome:** | **At the end of this course the students will be able to**:  - Describe the structure & function of male and female reproductive sys.  - Diagnose pregnancy with sign & symptoms, estimate GA & EDD  - Identify physiologic & psychological adaptation to pregnancy  - Identify stages of embryo and fetal development  - Managing common pregnancy discomfort  - Diagnosis of true and false labor, normal and abnormal labor  - Describe potential complications of pregnancy and its management  - Assist in labor process care: during early labor, delivery, early postpartum assessment mother and newborn.  - Assist in obstetrical emergency conditions  - Assist and encourage in breast feeding  - Assist in gynecological examination and identify common gynecological  infections | | | | | | |
| **Course References‌:** | • **Key references**:  1. Varneys Midwifery 2. Myles' Textbook for Midwives  3. Fraser,P., et.al, Text book for Midvies, 14th ed., London, chrochill living Stone, 2010    • **Useful references:**  1. Pillitters,A., Maternal and Child health Nursing, 4th ed., Philadelphia, Lippincotte.,2003  2. Pillitters, Adele, Maternal and Child health Nursing care of the childbearing &  family, 4th ed., New York, Lippincotte Williams & Wilkins, 2003  • **Magazines and review(internet):**  1. www.maternal and child birth.cm/  2. www.Medscapenusing.com | | | | | | |
| **Course topics (Theory)** | | | | **Week** | | **Learning Outcome** | |
| Review of Anatomy & physiology of reproductive system (male & female). | | | | 1 | | Know male & female reproductive structure and their functions | |
| Normal Pregnancy( Diagnosis, Signs, Symptoms, Dating Ga, EDD,) | | | | 2 | | Explain ways for diagnosis pregnancy, how calculate gestational age and EDD | |
| Physiological and Psychological changes during pregnancy | | | | 3 | | Differentiate normal and abnormal adaptation to pregnancy | |
| Stages of the antenatal development (embryo and fetus) & grow month by month | | | | 4 | | Knowing stages of prenatal development, and growing baby month by month | |
| Common discomfort during pregnancy and nursing management | | | | 5 | | Identify cause and symptoms of each discomfort & how can relief each of them | |
| Complications during pregnancy: Placenta abraption, Placenta previa, Molar preg., Abortion, Ectopic preg., Gestational hypertension, Gestational diabetes Causes, Signs and symptoms, complication and nursing care. | | | | 6 | | Identify causes of bleeding during pregnancy, diagnose gestational diabetes & hypertension and nursing care for each problem | |
| Normal childbirth: Definition true and false birth, the factors affecting birth. | | | | 7 | | Identify starting labor, normal labor, true and false labor | |
| Signs, symptom and stages of labor  Nursing management of each stage of labor | | | | 8 | | Diagnose stages of labor & perform nursing care | |
| Operative delivery (Episiotomy, Instrumental, and Cesarean section) and care | | | | 9 | | Knowing indications & contraindications & problems related to types of operative delivery | |
| Post partum: Nursing Assessment of mother and newborn | | | | 10 | | Differentiate normal & abnormal postpartum and needs, Immediate physical examination of newborn & identify any abnormalitiy | |
| Gynecological Examination | | | | 11 | | Introduce to pelvic exam procedure | |
| Common Gynecological Infections | | | | 12 | | How to diagnose & management | |
| **Practical Topics** | | | | **Week** | | **Learning Outcome** | |
| - Introduction to Maternity Hospitl  - Some term abbreviation related to maternity | | | | 1 | | Understand information about maternity word: Surgery(Major & Minor), Emergency, Gynaecological, Obstetrical, Delivery, IVF, Farmacy ,Sonography, Laboratory, …., Know & read term related to maternity that may be heard or read in the attending file | |
| - Gynecology & obstetric history taking  - Assessment of fetal Growth, obstetrical /abdominal  examination | | | | 2 | | Learn obstetrical /abdominal exam: Leopold manovers, fundal hight estimation, FHR hearing, assessment of fetal growing  Learn gynecological pelvic exam procedure, detect common gynecological infections and nursing care | |
| Case Report | | | |  | | Learn ways for talking with patients, respect of rights of patient, nursing diagnosis of maternity cases, introduce each case for another students. | |
| Sign & symptom of pregnancy, diagnose of pregnancy, gestational age & excepted date of delivery, | | | | 3 | | Able to diagnose S & S of preg. Calculate Ga, & estimate EDD | |
| High risk pregnancy (Bleeding(Abortion), Dilatation and Curettage, Ectopic pregnancy ) | | | | 4 | | Nursing diagnosis for reason of bleeding during pregnancy and nursing management for each reason, | |
| High risk pregnancy (Hypertension, diabetes, hyper emesis gravidarum, Anemia … | | | | 5 | | determine type of hypertension, diabetes nursing education, nursing management for hyperemesis gravidarum and anemia | |
| Breast infection and breast cancer | | | | 6 | | Learn breast examination, Risk f. of breast cancer, ways for diagnosis of breast disease, nursing education | |
| Normal delivery: Stages of labor. Mechanism of labor | | | | 7 | | Introduction to normal labor process, stages of labor, and mechanism of labor | |
| Sign of true labor, assessment of uterine contraction, assessment of fetal heart rate, and maternal vital signs, cervix dilation, nursing education for mother. | | | | 8 | | Detect true or false labor, assement of labor progress, nursing care for each stage of labor | |
| Newborn: Assessment of newborn, nursing care for newborn | | | | 9 | | Learn physical assessment of newborn, taking APGAR score | |
| Post partum assessment of mother, and complication during post partum, & nursing management -education | | | | 10 | | Know abdominal, vaginal assessment during pp , physiological change during this time , if any problem. Nursing education | |
| Oral exam and any other practical activity | | | | 11 | | Express any skills that learned during this course. | |
| **Questions Example Design**  **Q1- compositional:**  1- How we can prevent from PPH?  2- What are the Nursing care for a woman with Spontaneous abortion?  **Q2- True or false:**  1- Cervical Cerclage (binds cervical os), performed between 20-24 wks. of gestation. ( )  2- Menstruation is decline in progesterone levels that cause endometrium to discharge. ( )  3- True Contractions often disappear with ambulation & sleep. ( )  **Q3- Multiple choices:**  1- ………. is a time of during 38 to 42 weeks between the onset of last menstrual period & birth.  a. Post term pregnancy  b. Term pregnancy  c. Pre term pregnancy  2-…………….. is longest of all the stages and it begins with the first true contraction and ends with full dilation of the cervix?  a. First Stage of labor  b. Second Stage of labor  c. Third Stage of labor  **Q4- Answer the Following.**  **1- Risk factors for Abruptio Placenta:**  1- ……………………………………. 2- ……………………………………….  3- ……………………………………. 4- ………………………...……………..  **2- Nursing Care during second stage of labor focuses on:**  1- ………………………………………………………………………….  2- …………………………………………………………………………. | | | | | | | |
| **Extra notes:** | | | | | | | |
| **External Evaluator** | | | | | | | |