

**Module (Course Syllabus) Catalogue**

**2019-2020**

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| **College/ Institute** | **Koya technical Institute** | |
| **Department** | **Midwifery** | |
| **Module Name** | **Obstetric 1** | |
| **Module Code** | **OBS104** | |
| **Semester** | **First** | |
| **Credits** | **8** | |
| **Module type** | **Prerequisite Core Assist.**  **\*** | |
| **Weekly hours** | **6** |  |
| **Weekly hours (Theory)** | **( 2 )hr Class** | **( 3 )hr Workload** |
| **Weekly hours (Practical)** | **( 4 )hr Class** | **( 2 )hr Workload** |
| **Lecturer (Theory)** |  | |
| **E-Mail & Mobile NO.** |  | |
| **Lecturer (Practical)** |  | |
| **E-Mail & Mobile NO.** |  | |

**Course Book**

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| **Course Description** | Thiscourse is designed to assist midwifery students to acquire a comprehensive knowledge & skills necessary in providing care for normal and high risk women during preconception, prenatal, antenatal, postnatal,, taking in consideration that woman is a unique individual with special needs. The course also provides knowledge and skills relative to neonates care. Students are trained in various settings: Maternity hospitals, obstetric Lab.  This course serves as a foundation for midwifery courses of the programme. It is designed to provide students with the knowledge of basic obstetric principles, theory, and skills needed for practicing on maternity. The course emphasizes the unique nature of client’s needs and importance of holistic obstetric care. It uses the midwifery process framework combined with application of knowledge gained from other the subjects of the programme. This course also provides laboratory guided experience which helps the students to develop psycho-motor skills needed to provide safe basic midwifery care. The course focuses on development of skills related to hospitalization, maintaining safe environment, personal self care during pregnancy, labor, and postpartum period. This course will prepare the students in performance of pregnancy terms assessment, nursing intervention for each problem during labor, (care, and education before, during, and after delivery). | | |
| **Course objectives** | **11. Course objective:**  1. Identify the meaning and role of midwife  2. Explain term related to midwifery.  3. Describe the structure & function of female reproductive system.  4. Explain the phases of menstrual cycle.  5. Identify stages of embryonic & fetal development  6. Describe of growth & development of fetus by gestational weeks  7. Formulate diagnosis method to detection of pregnancy  8. Discuss physiologic & psychological changes of pregnancy  9. Describe nutritional needs of pregnant woman  10. Explain causes & intervention for common discomfort of pregnancy  11. Describe potential complications of pregnancy and it’s management  12. Describe the stages of labor  13. List signs of labor  14. Distinguish between false & true labor  15. Describe a pregnant physiologic & psychological responses to labor  16. Identify possible complications of labor & delivery  17. Describe physiologic & psychological changes of puerperium period  18. Provide immediate and daily newborn care | | |
| **Student's obligation** | Attendance in lecture halls, completion of all daily(Quize)and season exam, preparation of reports, completion of each area forms, seminar presentation. , general activities. | | |
| **Required Learning Materials** | **Theory**: lecture halls with computers and data show equipment for lecture presentations, white board, student's seminar presentation  **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. | | |
| **Assessment scheme** | ‌16% Mid Term (Theory and practical)  4% Quiz  40% Assignment (report, paper, homework, seminar..)  25% final practical  15% final theory | | |
| **Specific learning outcome:** | 1. Ability to develop general knowledge 2. Knowledge and understanding of the subject area and understanding of the profession 3. Ability to identify, differentiate, pose and resolve problem 4. Demonstrate the ability to think critically and solve problems in a laboratory setting 5. Ability to apply knowledge in practice 6. Ability to search for process and analyse information from a variety of sources 7. Ability to act as ethical and responsible members of the health care team. 8. Demonstrates research skills to investigate, evaluate or problem solve. | | |
| **Course References‌:** | **16. Course Reading List and References‌:**  ▪ Key references:  1. Fraser,P., et.al, Text book for Midvies, 14th ed., 14th ed., London, chrochill living Stone, 2010  2. Henderson, C. et all,Midwifery A Text book for Midwives Philadelphia, Bailliere Tindal, 2004  ▪ Useful references:  1- Pillitters,A., Maternal and Child health Nursing, 4th ed., Philadelphia, Lippincotte Com., 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** |
| 1. Female reproduction system. | | 1st -3rd | The student will learn identify about reproductive system |
| 1. History of midwifery | | 4th | The student will learn how to nursing care to prevent complication |
| 1. General term of midwifery | | 5th | The student will learn how to diagnosis of pregnant women |
| 1. Normal pregnancy | | 6th -7th | To management some complication that’s occur during pregnancy |
| 1. Physiological changes during pregnancy | | 8th -9th | To identify the organs change during pregnancy |
| 1. Fetal development | | 10th -12th | To identify how to growing and developing the fetal process |
| 1. Common discomfort during pregnancy | | 13th | The student will learn how to nursing care to prevent complication |
| 1. Normal labor | | 14th | To managed the laboure process |
| 1. Diagnoses of true and false labor. | | 15th | The student will learn how to nursing care to prevent complication |
| 1. Physiological & psychological changes during puerperium . | | 16th -17th | To identify this changes its return to normal condition ,pre=pregnancy condition |
| 1. Nursing management during complicate labor & delivery. | | 18th -20th | The student will learn how to nursing care to prevent complication |
| 1. Post partum hemorrhage | | 21 th -23 th | The student will learn how to nursing care to prevent complication |
| **Practical Topics** | | **Week** | **Learning Outcome** |
| Prenatal care | | 1st week | The student will learn how to nursing care to pregnant women |
| Prenatal care vaccination | | 2nd week | The student will learn how to nursing care to pregnant women and take all the vaccination during pregnancy |
| Some term abbreviation related to maternity and Explain drugs that use in delivery room | | 3rd week | To nursing diagnosis |
| Assessment of fetal heart rate, obstetrical /abdominal examination | | 4th week | To improve the conditions patients |
| Understanding physiological and psychological changes that occur during pregnancy, labor and postnatal period | | 5th week | The student will learn how to nursing care to pregnant women |
| Assessment of Frequency, duration, and intensity of contractions | | 6th week | To decreased the abnormal |
| Assessment and management during stages of normal labor | | 7th week | The student will learn how to nursing care to pregnant women and prevent complication |
| Assessment of Vaginal exam. Detection of dilatation and effacement of cervix | | 8th week | The student will learn how to nursing care to pregnant women |
| Preparing women for delivery, History of present pregnancy | | 9th week | The student will learn how to nursing care to pregnant women |
| **Questions Example Design**  ***Compositional:***  1- what are the sign and symptoms of pre eclampsia  2- describe the function of placenta  ***2.******True or false type of exams:***  ***1- FSH hormone stimulate the growth of endometrium***  ***2- fertilization take place in the ampulla***  ***3. Multiple choices:***  which of the following hormone used for diagnosis of pregnancy ?  **a)** GnRH **b)** Progesterone **c)**HCG **d)** FSH & LH | | | |
| **Extra notes:** | | | |
| **External Evaluator** | | | |