

Duration: 13 Weeks (Clinical Practice will be Parallel to Classroom-based teaching)

Week	Learning Activity	Required Reading (Assignment)
Week I	<p>Interactive lecture, discussion [4hrs]</p> <p>Overview of the Module (30mins)</p> <ul style="list-style-type: none"> Structure and design Education strategies Core competencies Teaching and learning methods Assessment methods <p>Anatomy & physiology of female reproductive system & fetal skull [1:30hrs]</p> <ul style="list-style-type: none"> Reproductive anatomy and physiology <ul style="list-style-type: none"> Female pelvis Breast milk Fetal skull <ul style="list-style-type: none"> Sutures, fontanelles Diameters of skull Molding and caput <p>Describe physiology of labor [2:00hrs]</p> <ul style="list-style-type: none"> Lightening, Braxton Hicks contractions Myometrial change Bloody show Cervical change, Endo cervical endothelial change <p>Health Promotion [4Hrs.]</p>	<p>Reading Assignment on:</p> <p>Pelvic bones, muscles and ligaments</p>
	<p>Skill Development Lab [2hrs]</p> <p>Appreciate the landmarks in the anatomy of female pelvis and fetal skull (Demonstration of pelvic and fetal skull model)</p>	
	<p>PBL [4hrs]</p> <p>Physiologic preparation for labor</p>	
	<p>Clinical practice [21 hrs.]</p> <p>Supervised practice on:</p> <ul style="list-style-type: none"> Maternity ward units including: <ul style="list-style-type: none"> Adaptation to health facility environment Introduction with working senior midwife staff Practice infection prevention protocols 	

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	<ul style="list-style-type: none"> ○ Medication and other supply storage rooms ○ Documentation and recording room ○ Perform appropriate history and physical examination ○ Order and interpret baseline laboratory investigation 	
	Whole Group Session [2 Hrs.] Students will discuss on the progress of the week's teaching learning process in the presence of their instructors and coordinators including the department head.	
Week2	Interactive presentation, Case study and discussion [4hrs] Normal Labor [1hr] Introduction Clinical onset of labor True and false labor Durations of labor Clinical Management of Normal Labor First stage of labor [2:30hrs] <ul style="list-style-type: none"> ○ Obstetric history taking, physical examination & investigation ○ Phases of first stage of labor ○ Management of first stage of labor using partograph ○ Intra partum fetal monitoring ○ Mechanisms of labor Second stage of labor [30minutes] <ul style="list-style-type: none"> - Management of second stage of labor <div style="background-color: #cccccc; padding: 5px; margin-top: 10px;">Health Promotion [4Hrs.]</div>	Reading assignment Personal protective equipment
	Skill Development Lab [2hrs] Mechanism of labor Obstetric physical examination	
	PBL [4hrs] Intra partum fetal monitoring Management of third stage of labor	
	Clinical practice [21 hrs.] Perform appropriate history and physical examination Order and interpret baseline laboratory investigation Evaluation of Labor progress using partograph Mechanism of Labor Management of Second Stage Third Stage of Labor Fourth stages of labor Immediate newborn care	

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	Immediate newborn assessment	
	Whole Group Session [2 Hrs.] Students will discuss on the progress of the week's teaching learning process in the presence of their instructors and coordinators including the department head	
Week3	Interactive lecture, Discussion [4hrs] Second stage of labor [1:00hr] <ul style="list-style-type: none"> Management of second stage of labor <ul style="list-style-type: none"> Overview of Episiotomy Overview of pain management Third stage of labor [1:00hr] <ul style="list-style-type: none"> Management of third stage of labor Fourth stage of labor Immediate newborn care [1:30hrs] <ul style="list-style-type: none"> Introduction Components and purposes Resuscitation Anesthesia and Analgesics (30mins) <ul style="list-style-type: none"> Review anatomy of muscles and nerves pelvic organ <div>Health Promotion [4Hrs.]</div>	Reading assignment Obstetric anesthesia
	Skill Development Lab [2hrs] Mechanism of labor (1hr) Immediate newborn care and resuscitation (1hr)	
	PBL [4hrs] Mechanisms of pain management (pharmacologic & non-pharmacologic)	
	Clinical practice [21 hrs.] Provide immediate newborn care & resuscitation Advise patient about advantage and side effects of drugs Reassure the patient (non-pharmacologic pain management) Administer medications Record and documentation	
	Whole Group Session [2 Hrs.] Students will discuss on the progress of the week's teaching learning process in the presence of their instructors and coordinators including the department head	

Week	Learning Activity	Required Reading (Assignment)
Week4	Interactive presentation, case scenario [4hr] Anesthesia and Analgesics (2hrs) Review mechanism of pain <ul style="list-style-type: none"> ○ Introduction ○ Type ○ Complications /side effects Abnormal labor [2hrs] Prolonged latent phase Protraction and arrest disorders Precipitate labor	Reading assignment Normal durations of labor stages
	Health Promotion [4Hrs.]	
	Skill Development Lab [2hrs] Prepare and administer medications (Demonstration) Abnormal progress of labor(video, interpreting partograph)	
	PBL [4hrs] Abnormal labor	
	Clinical practice [2 Hrs.] Prepare medications for pain management Abnormal progress of labor	
	Whole Group Session [2 Hrs.] Students will discuss on the progress of the week's teaching learning process in the presence of their instructors and coordinators including the department head	
Week 5	Interactive presentation, case scenario [4hrs] Non-reassuring fetal heart rate pattern [1hr] Introduction Pathophysiology Cause Care and management Obstructed labor [1hr] Introduction Risk factors and causes Care and management Induction and Augmentation of labor [2hrs] Indications for induction and augmentation Contraindications for induction and augmentation Health Promotion [4Hrs.]	Reading assignment Uterotonic drugs
	Skill Development Lab [2hrs] Cephalopelvic disproportion & obstructed labor	

Week	Learning Activity	Required Reading (Assignment)
	PBL [4hrs] Obstructed labor Non-reassuring fetal heart rate pattern	
	Clinical practice [21 hrs.] Obstructed labor Non-reassuring fetal heart rate pattern (NRFHRP) Bishop score assessment Induction and augmentation Close monitoring of patient with induction & augmentation	
	Whole Group Session [2 Hrs.] Students will discuss on the progress of the week's teaching learning process in the presence of their instructors and coordinators including the department head	
Week6	Interactive presentation, case scenario [4hr] Induction and Augmentation of labor [2hrs] Methods of induction and augmentation Complications of induction and augmentation Abnormalities of passage [2hrs] Contracted pelvis Soft-tissue abnormalities Reproductive tract masses or neoplasia <div>Health Promotion [4Hrs.]</div>	Reading assignment Normal presentation Types of female pelvis
	Skill Development Lab [2hrs] Induction and augmentation Bishop score assessment	
	PBL [4hrs] Medication preparation (demonstration) Drop per minute (demonstration)	
	Clinical practice [21 hrs.] Bishop score assessment Induction and augmentation Close monitoring of patient with induction & augmentation	
	Whole Group Session [2 Hrs.] Students will discuss on the progress of the week's teaching learning process in the presence of their instructors and coordinators including the department head	

Week	Learning Activity	Required Reading (Assignment)
Week7	<p>Interactive presentation, case scenario and seminar [4hr]</p> <p>Abnormalities of passenger [3hrs]</p> <ul style="list-style-type: none"> ○ Introduction, diagnosis and management of: <ul style="list-style-type: none"> - Malposition: (Occiput posterior, occiput transverse) - Mal-presentation:(Brow, face, breech, abnormal lie, cord presentation, compound presentation, shoulder presentation and asynclitism) - Fetal Macrosomia - Fetal malformation <p>Complications of third stages of labor [1 hr]</p> <ul style="list-style-type: none"> ○ Post-partum hemorrhage <ul style="list-style-type: none"> - Introduction - Definition 	<p>Reading assignment</p> <p>I. Normal blood loss during delivery</p>
	Health Promotion [4Hrs.]	
	<p>Skill Development Lab [2hrs]</p> <p>Malpresentation and malposition(Demonstration)</p> <p>Manual removal of placenta (demonstration)</p> <p>Bimanual compression (demonstration)</p> <p>Abdominal Aortic compression (demonstration)</p>	
	<p>PBL [4hrs]</p> <p>Cephalopelvic disproportion</p>	
	<p>Clinical practice [21 hrs]</p> <p>Cephalopelvic disproportion</p> <p>Malpresentation and malposition</p>	
	<p>Whole Group Session [2 Hrs.]</p> <p>Students will discuss on the progress of the week's teaching learning process in the presence of their instructors and coordinators including the department head</p>	
Week8	<p>Interactive lecture, seminars, group discussion[4hr]</p> <p>Post-partum hemorrhage [4]</p> <p>Pathophysiology</p> <p>Risk factors and causes</p> <p>Classification</p> <p>Clinical manifestation and management</p> <p>Health Promotion [4Hrs.]</p>	<p>Reading assignment</p> <p>Mechanism of placental separation and descent</p>
	<p>Skill Development Lab [2hrs]</p> <p>Uterine tamponade (demonstration)</p>	
	<p>PBL [4hrs]</p> <p>Postpartum Hemorrhage</p>	

Week	Learning Activity	Required Reading (Assignment)
	Clinical practice [21 hrs.] Diagnosis and Management of PPH General Management Manual removal of placenta Uterotonic therapy Bimanual compression Abdominal Aortic compression Uterine tamponade NASG Application	
	Whole Group Session [2 Hrs.] Students will discuss on the progress of the week's teaching learning process in the presence of their instructors and coordinators including the department head	
Week 9	Interactive lecture, seminar, group discussion [4hrs] Diagnosis and management obstetrics shock and amniotic fluid embolism [3hrs] <ul style="list-style-type: none"> ○ Introduction, definition ○ General management, drug therapy ○ Emergency care (ABC) ○ Cardiopulmonary resuscitation, NASG ○ Supportive care Shoulder dystocia [1hr] <ul style="list-style-type: none"> ○ Introduction ○ Risk factors, cause ○ Management of shoulder dystocia <div>Health Promotion [4Hrs.]</div>	Reading assignment Amniotic fluid embolism
	Skill Development Lab [2hrs] Shock management and NASG (demonstration and clinical simulation) Apply Maneuver for shoulder dystocia(demonstration)	
	PBL [4hrs] Diagnosis and management obstetrics shock	
	Clinical practice [21 hrs] General management Drug therapy Emergency care (ABC) Supportive care	
	Whole Group Session [2 Hrs.]	

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	Students will discuss on the progress of the week's teaching learning process in the presence of their instructors and coordinators including the department head	
Week 10	<p>Overview with seminars and group discussion [4hrs]</p> <p>Cord prolapse, Uterine rupture [2hrs]</p> <ul style="list-style-type: none"> ○ Introduction ○ Definition ○ Risk factors, Cause, type ○ Management options <p>Preeclampsia and Eclampsia [2]</p> <ul style="list-style-type: none"> ○ Introduction, classification ○ Pathophysiology <p>Health Promotion [4Hrs.]</p>	<p>Reading assignment</p> <p>Anticonvulsant and antihypertensive drugs</p> <p>Adverse drug reaction</p>
	<p>Skill Development Lab [2hrs]</p> <p>Cord prolapse(demonstration)</p> <p>Magnesium sulphate protocol</p> <p>Oxygen administration(demonstration, clinical simulation)</p>	
	<p>PBL [4hrs]</p> <p>Cord prolapse</p> <p>Uterine rupture</p>	
	<p>Clinical practice [21 hrs.]</p> <p>Diagnosis</p> <p>General management</p> <p>Diagnosis of preeclampsia and eclampsia</p> <p>Management of preeclampsia and eclampsia</p>	
	<p>Whole Group Session [2 Hrs.]</p> <p>Students will discuss on the progress of the week's teaching learning process in the presence of their instructors and coordinators including the department head</p>	

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Week 11	Interactive lecture, Discussion [4hrs] Preeclampsia and Eclampsia [2] <ul style="list-style-type: none"> ○ Risk factors, cause ○ Clinical features ○ Management options Instrumental deliveries: Forceps [2hrs] <ul style="list-style-type: none"> ○ Indication for forceps delivery ○ Contraindication for forceps delivery ○ Pre-requisite for forceps delivery ○ post procedure complications <div>Health Promotion [4Hrs.]</div>	Reading assignment Types of forceps
	Skill Development Lab [2hrs] Magnesium sulphate protocol Oxygen administration (demonstration, clinical simulation) Low & out let forceps delivery (Demonstration)	
	PBL [4hrs] Complication of preeclampsia and eclampsia & HELLP Syndrome	
	Clinical practice [21 hrs.] Diagnosis of preeclampsia and eclampsia Management of preeclampsia and eclampsia	
	Whole Group Session [2 Hrs.] Students will discuss on the progress of the week's teaching learning process in the presence of their instructors and coordinators including the department head	
Week 12	Interactive lecture and discussion [4hrs] Vacuum [3hrs] <ul style="list-style-type: none"> ○ Introduction ○ Indication for vacuum delivery ○ contraindications for vacuum delivery ○ Pre-requisite for vacuum delivery ○ Post procedure complications Vaginal birth after caesarean delivery [1hr] <ul style="list-style-type: none"> ○ Introduction ○ Indications and contraindications of VBAC ○ Complications of VBAC <div>Health Promotion [4Hrs.]</div>	Reading Assignment: Parts of vacuum
	Skill Development Lab [2hrs] Vacuum delivery (<i>demonstration</i>)	
	PBL [4hrs]	

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	Complication of instrumental delivery	
	Clinical practice [21 hrs] Vacuum delivery Manage post procedure complications of vacuum Low & out let forceps delivery Post procedure complications management of forceps	
	Whole Group Session [2 Hrs.] Students will discuss on the progress of the week's teaching learning process in the presence of their instructors and coordinators including the department head	
Week13	Interactive lecture, Discussion [4hrs] Provide pre and post-operative care for client undergone operative delivery <ul style="list-style-type: none"> ○ Introduction ○ Time and type of operation ○ Pre and post-operative care ○ Complications of operative deliver <div>Health Promotion [4Hrs.]</div> Skill Development Lab [2hrs] Pre-operative preparations (Demonstration) Post-operative care (Demonstration)	Reading Assignment on: 1. Wound healing 2. Abdominal muscles
	PBL [4hrs] Post-operative complications	
	Clinical practice [21 hrs] Pre-operative preparations Post-operative care	
	Whole Group Session [2 Hrs.] Students will discuss on the progress of the week's teaching learning process in the presence of their instructors and coordinators including the department head	

Week	Learning Activity	Required Reading (Assignment)
Week 14	Interactive lecture, Discussion [4hrs] Episiotomy & tear [3hrs] <ul style="list-style-type: none"> ○ Introduction ○ Indication ○ Time and types of episiotomy ○ Types of tear ○ Complications of episiotomy and tear ○ Repair of episiotomy and tear Destructive operations [1 hr] <ul style="list-style-type: none"> ○ Introduction ○ Definition and types ○ Complications Health Promotion [4Hrs.]	Reading assignment 1. Personal protective equipment 2. Adverse effects of drugs
	Skill Development Lab [2hrs] Practice episiotomy and tear repair (<i>demonstration</i>)	
	PBL [4hrs] Complications of episiotomy and tear	
	Clinical practice [21 hrs] Assess indication for episiotomy Perform episiotomy Repair episiotomy and tear (refer 3rd & 4th degree tear)	
Week 15*	Home study week Health Promotion [4Hrs.]	
	SDL Labor and delivery	
	PBL	
	Clinical practice Labor and delivery	
Week 16	Final examination week	