



Course Specification

— (Bachelor)

Course Title:	Reproductive Health Nursing
Course Code:	NUR 26334
Program:	Bachelor of Nursing Sciences
Department:	Nursing
College:	Applied Medical Science
Institution:	University of Bisha
Version:	6
Last Revision Date:	20-8-2023





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A. General information about the course:

1. Course Identification

1. Credit hours: (3+2)

2. Course type

A. University College Department Track Others
B. Required Elective

3. Level/year at which this course is offered: (level 5, 3rd year)

4. Course general Description:

This course is designed for students to develop knowledge and competencies on the concepts and principles of midwifery. It helps them to acquire knowledge and skills in rendering respectful maternity care to woman during antenatal, intranatal and postnatal periods in hospitals and community settings. It further helps to develop skills in managing normal neonates and participate in family welfare programs..

It further helps to develop knowledge, skills and competencies to provide care to high risk woman during antenatal, intranatal and postnatal periods in hospitals and community settings and help to develop skills in initial management and referral of high risk neonates. It would also help students to gain knowledge, attitude and skills in caring for women with gynecological disorders.

5. Pre-requirements for this course (if any):

NUR 26223

6. Co-requirements for this course (if any):

NA

7. Course Main Objective(s):

This course aims for enabling undergraduates to provide proper care for women during pregnancy, labor and postpartum, Essential Newborn care and those women with gynecological disorders, and manage High risk pregnancy, labour, postpartum conditions, high risk newborn obstetric emergencies, referral services.

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	37.5	35.7%
2	E-learning	7.5	7.1%
3	Hybrid <ul style="list-style-type: none"> ● Traditional classroom ● E-learning 		
4	Distance learning		
5	Practical learning	60	57.2%

3. Contact Hours (based on the academic semester)





No	Activity	Contact Hours
1.	Lectures	37.5
2.	Laboratory/Studio	50
3.	Field	40
4.	ELearning	7.5
5.	Self- based Learning	127.5
Total		262.5 hours

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Review the Anatomy and physiology of human reproductive system and conception (Maternal, Fetal & Newborn physiology).	K1	Interactive lectures, Case studies, Pre lecture assignments Group activities	Written test Oral test Electronic quizzes
1.2	Distinguish between normal and abnormal(High Risk) pregnancy, labor, and postpartum.	K1	Interactive lectures, Case studies. Group activities	Written test Oral test Electronic quizzes
...	Describe the physiology, assessment and management of normal and High risk pregnancy, labor and postpartum mother as well as women with gynecological disorders.	K1	Interactive lectures, Case studies. Group activities	Written test Oral test Electronic quizzes
2.0	Skills			
2.1	Interpret findings of Obstetric charts and tests in prenatal, intrapartum, and postpartum periods (e.g. CTG, Partograph,	S2	Case studies, Clinical training, Group activities	Written test Field work





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	BISHOP, & APGAR) and its related nursing care plan.		NCLEX questions	Oral test Practical exams (OSCE) Case scenario
2.2	Demonstrate Obstetric examination techniques using best available evidence.	S2	Case studies . Clinical training assignments Group activities NCLEX questions	Written test Field work Oral test Practical exams (OSCE OSPE, and OSVE)
2.3	Construct planning for nursing care to women with an obstetric or gynecological problem.	S1	Case studies Clinical training assignments Group activities NCLEX questions	Written test Field work Oral exam Practical exams (OSCE OSPE, and OSVE)
3.0	Values, autonomy, and responsibility			
3.1	Acquire skills of self-learning for continuous professional development and through adopting multidisciplinary approach in activities of infection prevention and control within the community.	V2	Team based learning Peer teaching Role paly	Assignment Field work
3.2	Commitment to high level of ethical, professional and academic practices by exhibiting positive attitude and with respect of legal and ethical rules and values with colleagues and patients	V2	Team based learning Peer teaching Role paly	Assignment Field work
3.3	Engage in principles of respectful maternity care through out the pregnancy cycle.	V3	Team based learning	Assignment Field work





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
			Peer teaching Role paly	

C. Course Content

No	List of Topics	Contact Hours
	Anatomy and physiology of the reproductive system	
	Fertilization and stages of fetal development	
1.	<ul style="list-style-type: none"> Female organs of reproduction Female pelvis – bones, joints, ligaments, planes, diameters, landmarks, inclination, pelvic variations Foetal skull – bones, sutures, fontanelles, diameters, moulding, Fetopelvic relationship Physiology of menstrual cycle, menstrual hygiene Fertilization, conception and implantation Embryological development Placental development and function, placental barrier Fetal growth and development 	4.5
	Fetal circulation & nutrition	
	Assessment and management of normal pregnancy (ante-natal):	
2.	Pre-pregnancy Care. <ul style="list-style-type: none"> Ante-natal care: 1 st Trimester :.Antenatal assessment: History 	4.5
	Physiology, management and care during labour	4.5
	Postpartum care/Ongoing care of women	4.5
	Recognition and Management of problems during Pregnancy	4.5
	<ul style="list-style-type: none"> Assessment of high-risk pregnancy 	
	Problems/Complications of Pregnancy	
	<ul style="list-style-type: none"> Hyper- emesis gravidarum, 	
	Bleeding in early pregnancy – abortion, ectopic pregnancy, vesicular mole	
	<ul style="list-style-type: none"> Unintended or mistimed pregnancy 	





- Post abortion care & counseling
- **Bleeding in late pregnancy** placenta previa, abruption placenta, trauma
- Medical conditions complicating pregnancy – Anemia, PIH/Preeclampsia, Eclampsia, GDM, cardiac disease, pulmonary disease, thyrotoxicosis, STDs, HIV, Rh incompatibility
- Infections in pregnancy – urinary tract infection, bacterial, viral, protozoal, fungal, malaria in pregnancy
- Surgical conditions complicating pregnancy – appendicitis, acute abdomen
- COVID-19 & pregnancy and children
- Hydramnios
- Multiple pregnancy
- Abnormalities of placenta and cord
 - Intra uterine growth restriction Intra uterine fetal death
 - Gynaecological conditions complicating pregnancy
- Mental health issues during pregnancy
- Adolescent pregnancy
- Elderly primi, grand multiparity
- Management and care of conditions
- Policy for the referral services .
- Drugs used in management of high-risk pregnancies
- Maintenance of records and reports

Recognition and management of abnormal labour

4.5

- Preterm labour – Prevention and management of preterm labour; (Use of antenatal corticosteroids in preterm labour)
- Premature rupture of membranes
- Malposition's and abnormal presentations (posterior position, breech, brow, face, shoulder)
- Contracted Pelvis, Cephalo Pelvic Disproportion (CPD)
- Disorders of uterine action – Prolonged labour, Precipitate labour, Dysfunctional labour

Complications of third stage – Retained placenta, Injuries to birth canal, Postpartum hemorrhage (bimanual compression of the uterus, aortic compression, uterine balloon tamponade)



- Obstetric emergencies – Foetal distress, Ruptured uterus, Cord prolapse, Shoulder dystocia, Uterine inversion, Vasa previa, Obstetrical shock, Amniotic fluid embolism
- Episiotomy and suturing
- Obstetric procedures – Forceps delivery, Vacuum delivery, Version
- Induction of labour – Medical & surgical
- Caesarean section – indications and preparation
- Nursing management of women undergoing Obstetric operations and procedures
- Drugs used in management of abnormal labour · Anesthesia and analgesia in obstetrics

Recognition and Management of postnatal problems · Physical examination, identification of deviation from normal 4.5

- Puerperal complications and its management
- Puerperal pyrexia , Puerperal sepsis . Urinary complications , Secondary Postpartum hemorrhage , Vulval hematoma ,Breast engorgement including mastitis/breast abscess, feeding problem ,Thrombophlebitis , DVT ,Uterine sub involution ,Vesico vaginal fistula (VVF), Recto vaginal fistula (RVF) , Postpartum depression/psychosis · Drugs used in abnormal puerperium

Assessment and management of Highrisk newborn (Review) · Models of newborn care – NBCC; SNCUs 4.5

- Screening of high-risk newborn · Protocols, levels of neonatal care, infection control
- Prematurity, Post-maturity
- Low birth weight · Kangaroo Mother Care
- Birth asphyxia/Hypoxic encephalopathy
- · Neonatal sepsis
- Hypothermia
- Respiratory distress
- Jaundice
- Neonatal infections





- Neonatal tetanus
- Congenital anomalies
- Baby of HIV positive mothers · Baby of Rh negative mothers
- Birth injuries
- SIDS (Sudden Infant Death Syndrome) prevention, Compassionate care
- Calculation of fluid requirements, EBM/formula feeds/tube feeding · Home based newborn care program .
- Decision making about management and referral
- Bereavement counseling
- Drugs used for high risk newborns

Assessment and management of women with gynecological disorders · 4.5
Gynecological assessment – History and Physical assessment

- Breast Self-Examination
- Congenital abnormalities of female reproductive system
- Menstrual abnormalities ,
- Abnormal uterine bleed ,
- Pelvic inflammatory disease,
- Infections of the reproductive tract ,Uterine displacement ,
- Endometriosis ,
- Uterine and cervical fibroids and polyps ,Tumors – uterine, cervical,
- ovarian, vaginal, vulval , Cysts – ovarian, vulval , Cystocele, urethrocele, rectocele , Genitor-urinary fistulas , Breast disorders – infections, deformities, cysts, tumors , HPV vaccination , Disorders of Puberty and menopause , Hormonal replacement therapy

· **Assessment and management of couples with infertility**

- Infertility – definition, causes
- Counseling the infertile couple
- Investigations – male and female o Artificial reproductive technology Surrogacy, sperm and ovum donation, cryopreservation
- Adoption – counseling, procedures
- Injuries and Trauma; Sexual violence

Drugs used in treatment of gynecological disorder

Total

45



No	List of Practical Topics	Contact Hours
	1. Urine pregnancy test 2. Calculation of EDD, Obstetrical score, gestational weeks 3. Antenatal assessment t 4. Counseling antenatal mothers 5. Micro birth planning 6. PV examination 7. Monitoring during first stage of labour – Plotting and interpretation of partograph 8. Preparation for delivery – setting up labour room, articles, equipment 9. Mechanism of labour – normal 10. Conduction of normal childbirth with essential newborn care 11. Active management of third stage of labour 12. Placental examination 13. Newborn resuscitation 14. Monitoring during fourth stage of labour 15. Postnatal assessment	6
	1. Antenatal History collection · Physical examination · Obstetric examination · Pregnancy confirmation test · Urine testing · Blood testing for Hemoglobin, grouping & typing · Blood test for malaria · KICK chart	6



Antenatal counselling · Preparation for childbirth



- Birth preparedness and complication readiness
- Antenatal palpation
- Health talk
- Conduct normal childbirth, provide care to mother and immediate care of newborn
- Assessment of woman in labour
- Partograph
- Per vaginal examination when indicated
- Care during first stage of labour
- Pain management techniques
- Upright and alternative positions in labour
- r · Preparation for labour – articles, physical, psychological
- Conduction of normal childbirth
- Essential newborn care
- Newborn resuscitation
- Active management of third stage of labour
- Monitoring and care during fourth stage of labour
- Cardiotocograph
- Cardiotocograph 6
- Palpating Uterine Contractions 6
- Management of woman during Oxytocin Infusion or Mg So4 infusion 6
- Partograph 6
- Care of woman in second stage of labour 6
- Care of woman in third stage of labour 6
- Postpartum assessment (e.g., perineal assessment, uterine massage & fundal height assessment) 6
- Immediate Care of the Newborn 6

Total

60



D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Continuous assessment	All through	30
1.1	Field work -Case study report	12 th	10
1.2	Electronic Quiz	3 rd	10
1.4	E Assignment (individual)	5 th	5
1.5	Oral exam	13 th	5
2	Midterm exam -Theory	7 th -	10
	Midterm exam -Practical		10
3	Final exam -Theory	16 th	30
	Final exam -Practical		20
	Total		100

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	Pilliteria A., (2017): Maternal and child health nursing, care of the childbearing and childbearing family, 8 th ed.
Supportive References	Wolters Kluwer., (2017): Essentials of maternity, newborn and women's health nursing. 4 th ed. New York. London.
Electronic Materials	Blackboard learning management system
Other Learning Materials	

2. Required Facilities and equipment

Items	Resources
facilities	<ol style="list-style-type: none"> Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.) - Size of class room appropriate - E- learning lab - Clinical training in hospital suitable for student
Technology equipment	<ul style="list-style-type: none"> - Data show - Blackboard - Laptop computer - Computer based simulator
Other equipment	<ul style="list-style-type: none"> - E- books electronic Online US Library



F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Program Leaders Peer Reviewer Students Faculty Academic performance follows up committee. Students GPA	Direct Indirect Direct
Effectiveness of Students assessment	Program Leaders Peer Reviewer Students Faculty Academic performance follows up committee. Examination committee	Direct / indirect
Quality of learning resources	Program Leaders Peer Reviewer Students Faculty PLOs assessment committee	Direct / indirect
The extent to which CLOs have been achieved	Program Leaders Peer Reviewer Students Faculty Academic performance follows up committee. Examination committee Students Results	Direct / Indirect
Other		

G. Specification Approval

COUNCIL /COMMITTEE	DEPARTMENT COUNCIL
REFERENCE NO.	1/44/45
DATE	21-8-2023

