Title: The Antepartum Period

Abbreviation and Number: MIDW302

School: Nursing AND Allied Health Professions

Department: Allied Health

Credits: 3

Course Sequence: ( ) Fall ( ) Spring ( ) Fall and Spring

Hours Per Week:
( 3 ) Lecture ( ) Seminar ( ) Laboratory ( ) Studio ( ) Kitchen
( ) Other (Specify)

Pre-requisite(s): Admission to Programme or Permission of Chair/Instructor

Co-requisite(s): MIDW300, MIDW301, MIDW303, MIDW311

COURSE DESCRIPTION
Students evaluate diagnostic test results, foetal well-being and drugs to manage the client during the antepartum period. Nutritional needs of the pregnant woman and parent education are emphasised.

SPECIFIC OBJECTIVES
Upon successful completion of this course, students will be able to
1. Discuss the aims, objectives and scope of antepartum care;
2. Apply the nursing process and concepts of Maslow's Hierarchy Needs and Stress Adaptation Theories in antepartum care;
3. Evaluate diagnostic test results and investigations for the management of the pregnant woman;
4. Describe methods used to manage foetal well-being;
5. Identify commonly used drugs in the practice of obstetrics for the mother and baby;
6. Discuss nutritional assessment in the management of the woman during pregnancy and lactation;
7. Evaluate intervention strategies for the promotion of optimum health care for the Human Immunodeficiency Virus (HIV) positive client; and
8. Determine the educational needs of the pregnant woman and her family.

COURSE CONTENT
I. Antepartum Care
   A. Aims
   B. Objectives
   C. Scope of practice

II. Nursing Process Applied to Midwifery
   A. Concepts
   B. Theories
   C. Assessment
   D. Planning
   E. Implementation
   F. Evaluation

III. Diagnostic Tests and Evaluations
   A. Pregnancy tests
      i. Blood
      ii. Urine
   B. Urine Tests
i. Mid-stream specimen  
ii. Urine analysis  
C. Papanicolaou (PAP) Smear  
D. High Vaginal Swab  
E. Routine Screening  
   i. Complete blood count  
   ii. Serology  
   iii. Blood group  
   iv. Rhesus factor  
   v. Indirect combs  
   vi. Sickle cell electrophoresis  
   vii. Glucose profile  
   viii. HIV  
   ix. Hepatitis B  
   x. Other  

IV. Monitoring Foetal Well Being  
   A. Foetal growth and development  
      A. Ultrasonogram  
      B. Non-stress test/stress test  
      C. Kick chart  
      D. Blood sampling  
      E. Amniocentesis, chorionic villi sampling  

V. Drugs  
   A. Categories  
   B. Indications for use  
   C. Route of administration  
   D. Effects  
      i. Mother  
      ii. Foetus  
   E. Contraindications  
   F. Side effects  

VI. Nutritional Needs  
   A. Principles  
   B. Utilizations  
   C. Food groups  
   D. Programmes  
   E. Lactating women  
   F. High risk mothers  

VII. Changes Occurring in Pregnancy  
   A. Anaemias  
   B. Weight gain  
   C. Lactation preparation
VIII. The HIV Positive Client
A. Prevention of mother to child transmission (PMCT)
   i. Pathogenesis and disease
   ii. Counseling, testing, anti-retroviral therapy
   iii. Follow up care
B. Testing
   i. Stigma and discrimination
   ii. Monitoring and evaluation

IX. Parent Education
A. Teaching techniques
C. Preparation of lesson plans

X. Preparation for Infant’s Arrival
A. Physical
B. Psychological
C. Environmental
D. Financial
E. Employment
F. National Insurance

XI. Relaxation Techniques to Relieve Tension
A. Pregnancy
B. Labour
C. Delivery

ASSESSMENT
Tests.......................................................... 15%
Assignments................................................. 20%
Mid-Semester Examination............................ 25%
Final Examination........................................ 40%
Total............................................................. 100%

REQUIRED TEXTS

SUPPLEMENTARY READINGS/MATERIALS
Course Outline

Title: The Antepartum Period
Abbreviation and Number: MIDW302

Doll and Pelvis Kit

JOURNALS
British Journal of Midwifery
International Midwifery
Journal of Midwifery and Woman’s Health
Journal of Obstetrics, Gynecologic, and Neonatal Nursing
Nursing for Women’s Health
RCM Midwives

WEBSITE
www.elsevierhealth.com