Description: Midwifery and Collaborative Care 2

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<tr>
<th>Subject</th>
<th>Cat-Nbr</th>
<th>Class</th>
<th>Term</th>
<th>Mode</th>
<th>Units</th>
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<tr>
<td>MID</td>
<td>8074</td>
<td>10486</td>
<td>1, 2002</td>
<td>EXT</td>
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Academic Group: FOSCI
Academic Org: FOS004
HECS Band: 1
ASCED Code: 060303

STAFFING
Examiner: Jackie Doolan
Moderator: Jill Scanlan

PRE-REQUISITES
Pre-requisite: MID 8070 and MID 8001 Co-requisite: MID 8073 and MID 8002

RATIONALE
Midwives need to be prepared to care for women within institutional settings and must be able to effectively care for women who are at risk of or experiencing complications of childbearing. This course draws upon the student's previous knowledge and experience of medical and surgical nursing and extends this so that students will be able to provide safe midwifery care to women and babies experiencing common or important medical or surgical complications during pregnancy, birth and the post partum period.

SYNOPSIS
The course gives consideration to common antenatal screening tests and some of the obstetric complications which they are used to detect. The course also explores caring for women who are experiencing complications of childbearing during the antenatal, intrapartum and postpartum periods, which includes introducing students to the knowledge and skills they need to care for women who are experiencing pre-existing and/or concurrent medical conditions during childbirth. Methods of pain relief and the care required for women experiencing caesarean section is also examined.

OBJECTIVES
On successful completion of this course, students will be able to:

- integrate and extend previous knowledge of nutrition, genetics and toxicology in maternal and foetal growth and development during pregnancy;
• review and extend previous learning about the physiology of pain, pain perception and pharmacological pain relief;
• demonstrate evidence-based procedural, physiological and pharmacological knowledge to be able to safely care for women who require inhalation and epidural anaesthesia;
• apply and extend knowledge of normal and abnormal anatomy and physiology of childbearing women and their fetuses in order to be able to understand the biophysical bases of the complications of childbearing;
• deepen and extend previously developed clinical reasoning skills and medical-nursing knowledge to be able to provide safe midwifery care to women and babies experiencing common complications during pregnancy, birth and the postpartum period;
• integrate and extend previously learned physiology and pathophysiology, microbiology, immunology and pharmacology to provide evidence-based collaborative care for women with pre-existing and intercurrent medical conditions;
• apply clinical reasoning skills to provide research based collaborative care for women and fetuses experiencing complications of childbearing and neonates experiencing a deviation from normal;
• review previous knowledge of pre-operative care for people undergoing major abdominal surgery and extend this to be able to safely care for women experiencing birth by caesarean section; and
• apply and extend knowledge of normal and abnormal anatomy and physiology of the neonate in order to be able to understand the biophysical bases of such complications as hypothermia, hypoglycaemia and hyperbilirubineamia.

TOPICS

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tbody>
<tr>
<td>1. Partnership and Collaborative Care The contextualising story will be of a woman who has chosen obstetrical care and experiences a caesarean section. 1A: in the antenatal period of PHC approach will be used to explore nutritional deficits in pregnancy. Antenatal screening tests, scientific rationale and ethical implications. A PHC approach will also be used to discuss genetics and genetic counselling. Lastly this module will: - Review blood groups and overview RH incompatibility - Review pyelonephritis and renal failure - Review haemorrhage and shock - Overview antepartum haemorrhage - Review hypertension - Overview Pre-eclampsia (PE) - Review diabetes and - Overview gestational diabetes 1B: During Labour, Birth and the Postpartum Period This module will examine - Pharmacological pain management - Postpartum haemorrhage - Peri-operative care of women experiencing caesarean birth - Overview haemorrhagic disease of the Newborn (Vit K) - Physiological jaundice - The hypothermia infant - The hypoglycaemic infant</td>
<td>50.00</td>
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<tr>
<td>2. Midwifery Care for Women Experiencing Complications of Childbearing such as: - First trimester complications and abortion - Testing and diagnosis of congenital abnormalities - Pregnancy induced hypertension-pre-eclampsia</td>
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- Grand multipara - Multiple pregnancy - Premature rupture of membranes
- Preterm and posterm labour - Uncoordinated uterine action (physiological and holistic perspectives) - Induction and augmentation of labour - Multiple births - Perineal rupture and repair - Complicated births and surgical interventions - Puerperal sepsis - Complex and Complicated Breastfeeding

3. Concurrent and Intercurrent Medical Conditions
This section will review the following conditions and examine their effect on childbearing women and the fetus where applicable. - Infectious Diseases and Sexually Transmitted Diseases - Asthma - Cardiac Disease - Diabetes - Rh Iso-immunisation

**TEXT and MATERIALS required to be PURCHASED or ACCESSED:**
Books can be ordered by fax or telephone. For costs and further details use the 'Book Search' facility at http://bookshop.usq.edu.au by entering the author or title of the text.


**REFERENCE MATERIALS**
Reference materials are materials that, if accessed by students, may improve their knowledge and understanding of the material in the course and enrich their learning experience.

*Perineal Suturing and Care Video Guide*, Uniview Worldwide Ltd, Wirral, UK.


Dugard, L. *Multicultural Information for Midwives*, Australian College of Midwives, Australia.
Gilbert & Harmon, 1993 *High Risk Labour and Birth*, Mosby, USA.
Lang, S., 1997 *Breastfeeding Special Care Babies*, Capers Bookstore, Red Hill.
National Health and Medical Research Council, 1993 *Perinatal Morbidity*, NHRMC, Canberra.


**STUDENT WORKLOAD REQUIREMENTS**

<table>
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<tr>
<th>ACTIVITY</th>
<th>HOURS</th>
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<td>Assessment</td>
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<td>Clinical Experience</td>
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<td>Directed Study</td>
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<td>Private Study</td>
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**ASSESSMENT DETAILS**

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<th>Description</th>
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<th>Due Date</th>
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<td>CASE STY - COMP CHILDBEARING</td>
<td>50.00</td>
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<td>PARTICIPATION - ONLINE DISC</td>
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**NOTES:**

1. Further details about the due dates are detailed in the assessment section of the Course Specifications.
2. Further details about the due dates are detailed in the assessment section of the Course Specifications.
3. Further details about the due dates are detailed in the assessment section of the Course Specifications.
4. Further details about the due dates are detailed in the assessment section of the Course Specifications.

**OTHER REQUIREMENTS**

1. Attendance Requirements: It is the students' responsibility to actively participate in all activities scheduled for them, and to study all material provided to them or required to be accessed by them to maximize their chance of meeting the objectives of the course and to be informed of course-related activities and administration.
There will be a minimum of 90 hours paid clinical requirements, a degree of unpaid clinical requirements and 14 hours computer based tutorials within this course. The minimum requirement for clinical experience in this program is 800 hours, which is to be carried out over three semesters at approximately 267 hours per semester.

2 Requirements to Satisfactorily Complete the Course: To satisfactorily complete the clinical component, the indicated sections of the student's clinical skill portfolio must be signed off by an endorsed midwife. In addition, key clinical skills, as outlined in the course objectives and in the clinical skills portfolio, must be assessed by an endorsed midwife and signed off as 'competent', as measured by the relevant ACMI competency-based assessment tool for that key clinical skill. Students will then be awarded 1 mark for this assessment item. Otherwise 0 marks will be awarded for this item.

3 Minimum Requirements to Pass the Course: To be assured of a pass in this course, students must obtain an overall mark of at least 50% for assessment items 1, 2 and 3; and gain the one mark for assessment item 4.

4 Assignments: The due date for an assignment is the date by which a student must dispatch the assignment to the USQ. The onus is on the student to provide proof of the dispatch date, if requested by the Examiner. Students must retain a copy of each item submitted for assessment. This must be produced within five days if required by the Examiner. In accordance with University's Assignment Extension Policy (Regulation 5.6.1), the examiner of a course may grant an extension of the due date of an assignment in extenuating circumstances. This policy may be found in the USQ Handbook, the Distance Education Student Guide and the Faculty of Sciences' Orientation Handbook for on-campus students. All students are advised to study and follow the guidelines associated with this policy. An assignment, submitted after the due date without an extension approved by the Examiner, will attract a penalty of 10 percent of the assigned mark for each day (or part thereof) that the assignment is late.

5 Grading: Final grades for students will be determined by the addition of the marks obtained in each assessment item, weighted as in the Assessment Details and by considering the students' level of achievement of the objectives of the course.