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>
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<td>30427</td>
<td>1, 2004</td>
<td>EXT</td>
<td>1.00</td>
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Academic group: FOSCI
Academic org: FOS004
Student contribution band: 1
ASCED code: 060303

STAFFING
Examiner: Jackie Doolan
Moderator: Jill Scanlan

REQUISITES
Pre-requisite: MID8001 and MID8070 and Students must be enrolled in one of the following Programs: GCNP or GDON or GDMH or MANP or MHEA or MMID or MMPO or MNUR or PCNP or PDON or PDMH or PDEV or SING or CRPG Co-requisite: MID8002 and MID8073

OTHER-REQUISITES
Recommended Pre-requisite: HSC4050

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. Students will require access to e-mail and the internet for this course.

**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 problem solving 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 and problem solving skills to provide research based collaborative care for women and fetuses experiencing complications of childbearing and neonates experiencing a deviation from normal;
- show they have witnessed or provided care for women and fetuses experiencing complications of childbearing;
- 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**

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<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<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</td>
<td>50.00</td>
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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; and the hypoglycaemic infant.

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; Grand multipara; Multiple pregnancy; Premature rupture of membranes; Preterm and postterm 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:

ALL textbooks and materials are available for purchase from USQ BOOKSHOP (unless otherwise stated). Orders may be placed via secure internet, free fax 1800642453, phone 07 46312742 (within Australia), or mail. Overseas students should fax +61 7 46311743, or phone +61 7 46312742. For costs, further details, and internet ordering, use the 'Textbook Search' facility at http://bookshop.usq.edu.au click 'Semester', then enter your 'Course Code' (no spaces).

Cooper, M and Fraser, D (Ed) 2003, Myles Textbook for Midwives, 14th edn, Churchill Livingstone, Edinburgh.


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.


(Video CD-ROM produced by P Mahoney)


**STUDENT WORKLOAD REQUIREMENTS:**

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

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<th>Wtg(%)</th>
<th>Due date</th>
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<tr>
<td>CASE STY - COMP CHILDBEARING</td>
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<td>50.00</td>
<td>07 May 2004</td>
</tr>
<tr>
<td>PARTICIPATION - ONLINE DISC</td>
<td>100.00</td>
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<tr>
<td>COMPETENCY PORTFOLIO</td>
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<td>04 Jun 2004</td>
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<tr>
<td>CLINICAL EXPERIENCE</td>
<td>1.00</td>
<td>0.00</td>
<td>11 Jun 2004</td>
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IMPORTANT ASSESSMENT INFORMATION

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 for students to complete each assessment item satisfactorily:
   To complete an assessment item satisfactorily, students must obtain at least 50% of the marks available for that assessment item. To satisfactorily complete the clinical component, the student must provide care for women and fetuses experiencing complications in childbearing. 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 Penalties for late submission of required work:
   If students submit assignments after the due date without prior approval then a penalty of 10% of the total marks gained by the student for the assignment will apply for each working day late.

4 Requirements for student to be awarded a passing grade in the course:
   To be assured of a passing grade, students must demonstrate, via the assessment items, that they have achieved the required minimum standards in relation to the objectives of the course by satisfactorily completing all assessment items.

5 Method used to combine assessment results to attain final grade:
   The final grades for students will be assigned on the basis of the weighted aggregate of the marks obtained for each of the summative assessment items in the course.

6 Examination information:
   There is no examination in this course.

7 Examination period when Deferred/Supplementary examinations will be held:
   There will be no Deferred or Supplementary examinations in this course.

8 University Regulations:
   Students should read USQ Regulations 5.1 Definitions, 5.6. Assessment, and 5.10 Academic Misconduct for further information and to avoid actions which might contravene University Regulations. These regulations can be found at the URL http://www.usq.edu.au/corporateservices/calendar/part5.htm or in the current USQ Handbook.
ASSESSMENT NOTES

9 The due date for an assignment is the date by which a student must despatch the assignment to the USQ. The onus is on the student to provide proof of the despatch date, if requested by the Examiner.

10 Students must retain a copy of each item submitted for assessment. This must be sent to USQ within 24 hours of receipt of a request to do so from the Examiner.

11 The examiner may grant an extension of the due date of an assignment in extenuating circumstances.

12 Students who do not have regular access to postal services or who are otherwise disadvantaged by these regulations may be given special consideration. They should contact the examiner of the course to negotiate such special arrangements.

13 In the event that a due date for an assignment falls on a local public holiday in their area, such as a Show holiday, the due date for the assignment will be the next day. Students are to note on the assignment cover the date of the public holiday for the Examiner’s convenience.

14 Students who have undertaken all of the required assessments in a course but who have failed to meet some of the specified objectives of a course within the normally prescribed time may be awarded the temporary grade: IM (Incomplete - Make up). An IM grade will only be awarded when, in the opinion of the examiner, a student will be able to achieve the remaining objectives of the course after a period of non directed personal study.

15 Students who, for medical, family/personal, or employment-related reasons, are unable to complete an assignment or to sit for an examination at the scheduled time may apply to defer an assessment in a course. Such a request must be accompanied by appropriate supporting documentation. One of the following temporary grades may be awarded: IDS (Incomplete - Deferred Examination); IDM (Incomplete Deferred Make-up); IDB (Incomplete - Both Deferred Examination and Deferred Make-up).

16 Students will require access to e-mail and the internet for this course.