Course Specification

Description: Midwifery and Critical Care

<table>
<thead>
<tr>
<th>Subject</th>
<th>Cat-Nbr</th>
<th>Class</th>
<th>Term</th>
<th>Mode</th>
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<td>14498</td>
<td>2, 2002</td>
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Academic Group: FOSCI
Academic Org: FOS004
HECS Band: 1
ASCED Code: 060303

STAFFING
Examiner: Jill Scanlan
Moderator: Jackie Doolan

PRE-REQUISITES
Pre-requisite: MID 8001 and MID 8070 and MID 8073 and MID 8074 Co-requisite: MID 8076

RATIONALE
Midwives need to be able to safely care for women who have a medical or surgical condition which complicates their childbearing. Midwives also need to able obstetric emergencies both as the lead professional and as a member of a multi-disciplinary team. Finally, midwives must be able to provide immediate care for a sick or premature infant and care for the infant as it is being transferred to an appropriate special care nursery.

SYNOPSIS
The student will develop knowledge and skills in the assessment and safe care of women who experience deviations from normal childbirth. The course extends students' previous learning about the complications of childbearing to prepare them to manage obstetric emergencies. The students will learn to perform neonatal physical assessment, make clinical judgements about when and what kind of resuscitation is required for the neonate and to care for the sick newborn and be able to stabilise the seriously ill newborn for transport to a referral hospital.

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

- competently monitor and evaluate maternal and fetal wellbeing during labour and provide safe midwifery care in all circumstances;
• competently assess the progress of labour and birth and provide safe immediate care in all circumstances and report and document deviations from normal appropriately;
• integrate previous medical-surgical knowledge and skills with new knowledge in order to assess, diagnose, plan, treat and evaluate evidence-based midwifery care for women who are experiencing obstetric emergencies and reflect appropriately upon any critical incidents or recurring issues of concern;
• clinically integrate and apply knowledge of normal neonatal physiology to be able to facilitate neonatal adaptation to extra-uterine life;
• accurately perform a physical assessment of the sick newborn and provide appropriate immediate care including the performance, or assisting with, neonatal resuscitation;
• provide care for the sick neonate who is in a level-two nursery, including intra-gastric feeds and heel prick blood tests as required;
• prepare the sick newborn for transport to a referral hospital in a manner which is safe and effective;
• competently perform postnatal physical assessment on women of all risk and complication categories and provide evidence-based care (including referral as appropriate);
• competently perform neonatal physical assessment for all infants (including abnormal and premature infants);
• students will provide evidence of competency of practice in the following clinical skills by completing the appropriate clinical practice, reflection and assessment in Section 2 of their Clinical Skills Portfolio. This includes (minimum numbers required are shown): - 8 births as Primary Accoucheur - continuity of care for 1-2 separate women with reflection upon these experiences - clinical practice goals for 'Care of Neonates with Special Needs' - assessment 'Care of Sick Neonate, Insertion of Gastric Tube and Blood Sample by Heel Prick' - assessment 'CTG in Labour' - practice episodes and assessment for 'Abdominal and Vaginal Examination' - assessment 'Neonatal Resuscitation' - assessment of 'Interpersonal and Teaching Skills' - other: clinical practice episodes outlined in the Clinical Skills Portfolio as they are available to the student in each of the Clinical Practice Areas.

TOPICS

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tbody>
<tr>
<td>2. Caring for the sick neonate - Assessment of the sick neonate - Neonatal resuscitation - Stabilisation and transport - Respiratory disorders - Birth injuries - The baby in an isolette - Tube feeding the sick infant</td>
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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.

Videos


Foundation Studios *Cerebral Palsy, Who is to Blame? Expert Opinion versus evidence based medicine*, Women's and Children's Hospital, North Adelaide.
Foundation Studios *Positions for Childbirth, Women's and Children's Hospital*, North Adelaide.

Gaskin, I.M. *Assisting a Vaginal Breech Birth*, Capers Bookstore, Red Hill.

Gaskin, I.M. *Breech Birth & Shoulder Dystocia*, Capers Bookstore, Red Hill.

Gaskin, I.M. *Assisting a Vaginal Breech Birth*, Capers Bookstore, Red Hill.

Gaskin, I.M. *Breech Birth & Shoulder Dystocia*, Capers Bookstore, Red Hill.


National Health and Medical Research Council 1983, *Care of pregnant women in remote areas*, NHRMC, Canberra.

National Health and Medical Research Council 1988, *Newborn requiring follow-up care (Pamphlet)*, NHRMC, Canberra.


**STUDENT WORKLOAD REQUIREMENTS**

<table>
<thead>
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<th>ACTIVITY</th>
<th>HOURS</th>
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<td>Directed Study</td>
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<td>Others</td>
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**ASSESSMENT DETAILS**

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**NOTES:**

6. Examination dates will be available during the semester. Please refer to the examination timetable when published.
OTHER REQUIREMENTS

1 Attendance Requirements: It is the students' responsibility to study all material provided to them or required to be accessed by them and to participate actively in discussion groups to maximize their chance of meeting the objectives of the course and to be informed of course-related activities and administration. The clinical experience in this course contributes to the minimum requirement of the program of 800 hours clinical experience. This is to be carried out over three semesters. Clinical experience includes both paid clinical practice and may include a smaller degree of supernumerary, unpaid clinical practice. During clinical placement, students must follow hospital policy and procedure and maintain safe, professional practice as outlined by nursing and midwifery professional bodies practice guidelines.

2 Requirements to Satisfactorily Complete Each Assessment Item: To satisfactorily complete each midwife activity students must obtain at least half of the marks available. To satisfactorily complete the clinical experience, the indicated sections of the students' clinical skills portfolio must be signed off by an endorsed midwife, and 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. The student will then be awarded 1 mark for this assessment item. Otherwise zero marks will be awarded and the student will not pass the course. To satisfactorily complete the examination in the course, students must obtain at least 60% of the marks available in the examination. To satisfactorily complete the online discussion assessment students must obtain half of the marks available. Marks for the online discussion assessment will be allocated as outlined in the study materials for this course.

3 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 5 percent of the assigned mark for each day (or part thereof) that the assignment is late.

4 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.

5 Examinations: Candidates should be aware that the University has policies and regulations (Regulation 5.6.2.2) about the use of unfair means and electronic devices in an examination and they should refer to them to determine whether or not actions they intend to take are acceptable to the University. Closed Examination: Candidates
are allowed to bring only writing and drawing instruments into the closed examination.

6 Supplementary and Deferred Examinations: Students who obtain an overall passing mark, but who do not perform satisfactorily in an examination, may, at the discretion of the examiner, be granted a supplementary examination. Students will be granted a deferred examination only if they perform satisfactorily in all other assessment items. Any supplementary or deferred examinations for this course will be held at a time negotiated between the examiner and student.