

MIDI2106: Women with complex pregnancies

Callaghan, Gosford and Manning Base Hospital
Semester 1 - 2024



OVERVIEW

Course Description The course formally introduces students to the concept that specific conditions in pregnancy affect a woman's body systems and fetal development and growth, and vice versa, in the intricate linking of maternal/fetal physiology. In this course 'complex' is used to describe situations consisting of many different, connected parts that interact with each other in multiple ways. Keeping the woman firmly in the centre, the course uses best evidence to understand best care for women and their unborn babies when they meet challenges in their pregnancies. Using midwifery, medical, pharmacological, neurophysiological and sociological theory students increase their understanding and capabilities in assessment and planning and the provision of safe midwifery care, and in evaluation, through professional relationships and respectful partnerships.

Academic Progress Requirements Nil

Requisites Students must be active in the Bachelor of Midwifery [40297] or [12200] program to enrol in this course.

Assumed Knowledge MIDI1101 Midwifery Professional Experience 1, MIDI1105 Midwife: 'with woman', MIDI1106 Women in pregnancy, MIDI1203 Women and their babies in the postnatal time, MIDI1205 Women in labour, MIDI1207 Midwifery Professional Experience 2, HUBS1406 Human Bioscience for Nursing and Midwifery

Contact Hours
Lecture
Online
2 hour(s) per Week for 12 Weeks starting Week 1
Lectures are virtual

Self-Directed Learning
Self-Directed
116 hour(s) per Term Full Term

Tutorial *
Face-to-face On campus
3 hour(s) Week 2 ,3, 5 and 12
Total of 12 hours

Online
1.30 hour (s) online interactive activities Weeks 1, 4, 6, 7, 8, 9, 10, 11

COURSE OUTLINE

**Unit Weighting
Workload**

* This contact type has a compulsory requirement.
10
Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10 unit course.

CONTACTS

Course Coordinator **Callaghan, Gosford and Manning Base Hospital**

Dr Katharine Gillett
Katharine.gillett@newcastle.edu.au

Consultation: Contact via email to arrange a suitable time. Consultation will occur in person or via Zoom.

NOTE: Responses to emails can be expected within three (3) working days unless the tutor or Course Coordinator is off campus.

General Course Questions should be posted to Canvas, where the answer may be of benefit to other students. Students are required to check their UON (University of Newcastle) email account regularly and to use their student-mail accounts for all email correspondence with the University.

Teaching Staff

Teaching staff will be advised on the course Canvas site.

School Office

School of Nursing and Midwifery

Richardson Wing
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General Enquiries AskUoN@newcastle.edu.au (+61) 2 4921 5000

Program & Enrolment Advice ProgramAdvice@newcastle.edu.au

Student Support For academic and personal support services for students, visit <https://www.newcastle.edu.au/current-students/support>

SYLLABUS

Course Content

- Woman-centred, rights-based approach to healthcare for pregnant women in complexity
- Women's coping, midwives' communication and particular needs in complex pregnancies
- Gynaecological/early pregnancy problems/genetic issues
- Assessment of fetal wellbeing
- Women with:
 - hypertensive conditions
 - diabetes in pregnancy
 - high BMI
 - infections in pregnancy
 - thrombosis and embolus
 - cardiac, haematological, and other complicating conditions

- Women who bleed: Antepartum haemorrhage
- Multiple pregnancy
- Mal positions: Breech and ECV
- Mal lie: transverse, oblique and unstable
- Threatened premature labour/premature rupture of membranes
- Intrauterine growth restriction
- Substance use
- Fetal death in utero, stillbirth and maternal resuscitation in pregnancy
- Consultation, referral, and collaboration: working respectfully in the interdisciplinary team
- Research: Quality improvement initiatives, quantitative research designs, systematic reviews
- Ethics and law: Professional negligence, vicarious liability, legal and moral considerations
- Midwifery: making a difference in complex pregnancies

Course Learning Outcomes

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

1. identify the ways in which midwifery promotes health and prevents harm for women with complex pregnancies and their unborn babies
2. Present quality evidence to inform the care of women with complex pregnancies
3. interpret diagnostic testing/screening results for assessing maternal and fetal wellbeing in complex pregnancy
4. develop and apply knowledge of safety in medication administration in the context of complex midwifery care
5. Apply legal, ethical, professional and policy frameworks for midwifery work with pregnant women
6. Demonstrate critical thinking, academic reading and writing, and the use of digital technology

Course Materials

Required Text:

Nil

Recommended Text:

Cummins, A., Gillett K, McLaughlin K, Musgrave L., Wood J. (2023). *Stories in Midwifery: Reflection, Action, Inquiry.*(3rd Ed) Elsevier.

Johnson, R., Taylor, W., de-Vitry Smith, S., & Bayes, S. (2nd edition 2022). *Skills for Midwifery Practice: Australia and New Zealand Edition.* Elsevier.

Marshall, J.E. & Raynor, M.D. (Eds.). (2020). *Myles Textbook for Midwives. (17th ed.).* Elsevier.

Pairman, S., Tracy, S. K., Dahlen, H. G., & Dixon, L. (2023). *Midwifery: Preparation for Practice 5e (5th ed.)* Elsevier.

Rankin, J. (2017). *Physiology in Childbearing with Anatomy and Related Biosciences (4th ed.)* Elsevier.

Rankin, J. (2020). *Myles Midwifery Anatomy & Physiology Workbook*. Elsevier.

Wylie, L. & Bryce, H. (2016). *The Midwives' Guide to Key Medical Conditions: Pregnancy and Childbirth (2nd ed.)*. Churchill Livingstone.

COMPULSORY REQUIREMENTS

In order to pass this course, each student must complete ALL of the following compulsory requirements:

Contact Hour Requirements:

- Tutorials: Face-to-face. There is a compulsory attendance requirement in this course. Student must attend a minimum of 80% of these sessions

Course Assessment Requirements:

- Assessment 1 - Written Assignment: Attempt / Submission Requirement - Students must attempt/submit this assessment item to pass the course.
- Assessment 2 - Online Learning Activity: Attempt / Submission Requirement - Students must attempt/submit this assessment item to pass the course.

SCHEDULE

Week	Week Begins	Topic	Tutorial delivery	Assessment Due
1	26 Feb	Nutrition in Pregnancy Eating Disorders BMI Hyperemesis Gravidarum	Online webinar	
2	4 March	Diabetes in Pregnancy	Face-to-Face	
3	11 Mar	Thrombosis and respiratory conditions and emergencies in pregnancy (asthma workshop)	Face-to-Face	Discussion 1 Friday 15 March 11.00 pm
4	18 Mar	Multiple pregnancy Mal positions in pregnancy	Online	
5	25 Mar	Hypertensive disorders in pregnancy	Face-to-Face	
6	1 April	Bleeding in pregnancy Early pregnancy problems/ genetic issues Molar and ectopic pregnancies	Online	
7	8 Apr	Cardiac and neurological conditions in pregnancy	Online	Discussion 2 Friday 12 April

				11.00 pm
Mid Term Break				
Mid Term Break				
8	29 Apr	Haematological disorders in pregnancy Cholestasis in pregnancy Renal conditions in pregnancy	Online	
9	6 May	Infections in pregnancy, sepsis and GBS	Online	Discussion 3 Friday 10 May 11.00 pm
10	13 May	Threatened Premature labour Intrauterine growth restriction	Online	
11	20 May	Substance use in pregnancy Caring for vulnerable families	Online	Scenario-based learning package Friday 24 May 11.00 pm
12	27 May	Severe mental illness during pregnancy and postpartum psychosis Medications in pregnancy and lactation	Face –to-Face	Combined discussions word document Friday 31 May 11.00 pm
13	3 Jun			
Examination Period				
Examination Period				

ASSESSMENTS

This course has 2 assessments. Each assessment is described in more detail in the sections below.

	Assessment Name	Due Date	Involvement	Weighting	Learning Outcomes
1	Written Assignment – Scenario based learning package*	24 May 11:00pm	Individual	50%	1, 2, 3, 4, 5, 6
2	On-line discussion*	Discussion 1 15 March 11.00 pm Discussion 2 12 April 11.00 pm Discussion 3 10 May 11.00 pm Combined discussions word document 31 May 11.00 pm	Individual	50%	1, 2, 3, 4, 5, 6

* This assessment has a compulsory requirement.

Late Submissions

The mark for an assessment item submitted after the designated time on the due date, without an approved extension of time, will be reduced by 10% of the possible maximum mark for that assessment item for each day or part day that the assessment item is late. Note: this applies equally to week and weekend days.

Assessment 1 - Scenario based learning package

Assessment Type Written Assignment

Purpose

The purpose of this assessment is to help students develop a preliminary understanding of course module content through the answering of short answer questions. Your answers should address the criteria and course objectives; demonstrate midwifery focused, woman centred philosophy and evidence informed practice; use woman centred language and demonstrate referencing and academic literacy skills appropriate to UG (Undergraduate) 2000 level.

Description

Answer the questions based on the given scenarios (In Canvas).

Each response should be no more than 500 words (+/-10%)

Weighting	50%
Compulsory Requirements	Attempt / Submission Requirement - Students must attempt/submit this assessment item to pass the course.
Length	1500 words (+/- 10%)
Due Date	24 May 11:00 pm
Submission Method	Via Canvas
Assessment Criteria	Please refer to marking criteria
Return Method	Via Canvas
Feedback Provided	Via Canvas
Opportunity to Reattempt	Students WILL NOT be given the opportunity to reattempt this assessment.

Assessment 2 - On-line discussion

Assessment Type	Online Learning Activity
Purpose	To facilitate learning and thinking through low-risk online learning activities and discussions
Description	<p>Read the case studies (provided in Canvas) and complete the following online discussions x 3 (in Canvas- Discussion x 3 posts) will occur during: Week 3 Week 7 Week 9</p> <p>Each discussion post will be individually considered, and the combined discussions are awarded an overall mark according to the rubric. Students are required to use evidence to inform discussion.</p> <p>Written submission should be no less than 400 words and no more than 500 words. Contributions to online discussion may include short interviews, podcasts, videos, journals. You must comment on at least one student's post (you can comment on as many as you like), giving constructive feedback, debating, or extending the original post.</p> <p>Student to combine the 3 discussion posts into a word document and submit via Canvas Assessment 2 link by due date.</p>
Weighting	50%
Compulsory Requirements	Attempt / Submission Requirement - Students must attempt/submit this assessment item to pass the course.
Length	1500 words (+/- 10%)
Due Date	Discussion 1 15 March 11.00 pm Discussion 2 12 April 11.00 pm Discussion 3 10 May 11.00 pm Combined discussions word document 31 May 11.00 pm
Submission Method	Via Canvas
Assessment Criteria	Please refer to marking criteria
Return Method	Via Canvas

Feedback Provided Via Canvas

Opportunity to Reattempt Students WILL NOT be given the opportunity to reattempt this assessment.

ADDITIONAL INFORMATION

Grading Scheme

This course is graded as follows:

Range of Marks	Grade	Description
85-100	High Distinction (HD)	Outstanding standard indicating comprehensive knowledge and understanding of the relevant materials; demonstration of an outstanding level of academic achievement; mastery of skills*; and achievement of all assessment objectives.
75-84	Distinction (D)	Excellent standard indicating a very high level of knowledge and understanding of the relevant materials; demonstration of a very high level of academic ability; sound development of skills*; and achievement of all assessment objectives.
65-74	Credit (C)	Good standard indicating a high level of knowledge and understanding of the relevant materials; demonstration of a high level of academic achievement; reasonable development of skills*; and achievement of all learning outcomes.
50-64	Pass (P)	Satisfactory standard indicating an adequate knowledge and understanding of the relevant materials; demonstration of an adequate level of academic achievement; satisfactory development of skills*; and achievement of all learning outcomes.
0-49	Fail (FF)	Failure to satisfactorily achieve learning outcomes. If all compulsory course components are not completed the mark will be zero. A fail grade may also be awarded following disciplinary action.

*Skills are those identified for the purposes of assessment task(s).

Communication Methods

Communication methods used in this course include:

- Canvas Course Site: Students will receive communications via the posting of content or announcements on the Canvas course site.
- Email: Students will receive communications via their student email account.
- Face to Face: Communication will be provided via face to face meetings or supervision.

Withdrawal from course

You can withdraw from a course without financial penalty on or before the census date **Friday 22nd March 2024**. If you withdraw after this date, it is considered you have been enrolled in the course and will be liable for HECS-HELP payment or degree fee.

Course Evaluation

Each year feedback is sought from students and other stakeholders about the courses offered in the University for the purposes of identifying areas of excellence and potential improvement.

Changes made to this course based on student feedback include:

- Aligning theory with simulated learning experiences

Oral Interviews (Vivas)

As part of the evaluation process of any assessment item in this course an oral examination (viva) may be conducted. The purpose of the oral examination is to verify the authorship of the material submitted in response to the assessment task. The oral examination will be conducted in accordance with the principles set out in the [Oral Examination \(viva\) Procedure](#). In cases where the oral examination reveals the assessment item may not be the student's own work the case will be dealt with under the [Student Conduct Rule](#).

Academic Misconduct	All students are required to meet the academic integrity standards of the University. These standards reinforce the importance of integrity and honesty in an academic environment. Academic Integrity policies apply to all students of the University in all modes of study and in all locations. For the Student Academic Integrity Policy, refer to https://policies.newcastle.edu.au/document/view-current.php?id=35 .
Adverse Circumstances	<p>The University acknowledges the right of students to seek consideration for the impact of allowable adverse circumstances that may affect their performance in assessment item(s). Applications for special consideration due to adverse circumstances will be made using the online Adverse Circumstances system where:</p> <ol style="list-style-type: none">1. the assessment item is a major assessment item; or2. the assessment item is a minor assessment item and the Course Co-ordinator has specified in the Course Outline that students may apply the online Adverse Circumstances system;3. you are requesting a change of placement; or4. the course has a compulsory attendance requirement. <p>Before applying you must refer to the Adverse Circumstance Affecting Assessment Items Procedure available at: https://policies.newcastle.edu.au/document/view-current.php?id=236</p>
Important Policy Information	The Help button in the Canvas Navigation menu contains helpful information for using the Learning Management System. Students should familiarise themselves with the policies and procedures at https://www.newcastle.edu.au/current-students/no-room-for/policies-and-procedures that support a safe and respectful environment at the University.

This course outline was approved by the Head of School. No alteration of this course outline is permitted without Head of School approval. If a change is approved, students will be notified and an amended course outline will be provided in the same manner as the original.

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