

MRSC4340A: Nuclear Medicine Professional Practice 4A

Callaghan

Semester 1 - 2024



OVERVIEW

Course Description	<p>By attending a professional placement at an accredited clinical centre in a variety of Nuclear Medicine service settings, this course allows students to broaden their professional practice experience, consolidate academic knowledge and refine professional skills towards competent practitioner level.</p> <p>This Course recognises the Professional Capabilities developed by the Medical Radiation Practice Board of Australia. The document 'Professional Capabilities for Medical Radiation Practice' outlines via Domains the requirements of a Competent Practitioner.</p>
Academic Progress Requirements	<p>This course is a compulsory program requirement and is monitored for academic progress purposes. The course must be completed to progress in the program or meet other program requirements. Failure or withdrawal from this course will result in students being considered under the Student Academic Progress Procedure.</p>
Requisites	<p>Students must have successfully completed the following courses to enrol in this course. MRSC3355, MRSC3380</p> <p>Students must be active in Bachelor of Medical Radiation Science (Honours) (Nuclear Medicine) [40011] to enrol in this course.</p>
Contact Hours	<p>Callaghan Online Activity Online 8 hour(s) per term</p> <p>Placement Face to Face Off Campus 17 weeks across Part A and Part B - 38 hour(s) per week 22 Jan 2024 - 8 March 2024 (7 weeks), 11 June 2024 - 19 July 2024 (6 weeks), 2 Sept 2024 - 27 Sept 2024 (4 weeks).</p>
Unit Weighting Workload	<p>10 Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10 unit course.</p>
Multi-Term Sequence Advice	<p>This course is part of a multi-term sequence. Both Part A and Part B must be completed to meet the requirements of the sequence. Part A and Part B must be completed in consecutive terms. Students must complete Part A before completing Part B. Students must complete the sequence within a twelve month period. If students complete Part A but are unable to complete Part B within the timeframe, they must re-enrol in Part A. Part A cannot be completed as a standalone course, it will only count towards your program once you have successfully completed Part B.</p>

COURSE OUTLINE

CONTACTS

Course Coordinator **Callaghan**
A/Prof Daphne James
Daphne.James@newcastle.edu.au
(02) 4921 5596
Consultation: Email questions or to make an appointment.

Mrs Melissa Shields
Melissa.Shields@newcastle.edu.au
(02) 4921 6335
Consultation: Email
(Melissa is on study leave in Semester 1)

Teaching Staff Other teaching staff will be advised on the course Canvas site.

School Office **School of Health Sciences**
Room 302, ICT Building
Callaghan
SchoolHealthSciences@newcastle.edu.au
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SYLLABUS

Course Content The topics to be covered include:

1. All aspects of nuclear medicine professional practice
2. Quality frameworks for nuclear medicine
3. Safe radiation procedures and risk management

Course Learning Outcomes **On successful completion of this course, students will be able to:**

1. Apply and participate in Nuclear Medicine procedures at a level suitable to their current clinical experience
2. Develop and demonstrate a professional attitude towards members of the public and other health care workers
3. Further develop and apply communication skills with members of the public and other health care workers
4. Evaluate and critique their role within and during the clinical practice according to the level of experience
5. Further develop clinical reasoning skills
6. Practice within an ethical and legal framework

Course Materials All materials will be available on the Canvas site.

SCHEDULE

See Canvas site for schedule

ASSESSMENTS

MRSC4340A & B have multiple assessment tasks.

COMPULSORY COURSE COMPONENT: All assessments must be submitted to pass the course.

You will receive marks for these assessments. However the final grade for MRSC4340A & B is not calculated until the end of Semester 2. Each assessment is described in more detail in the sections below.

	Assessment Name	Due Date See Canvas for submission dates	Involvement	Weighting	Learning Outcomes
1	Clinical Competence Workbook	Clinical supervisor reports x 3 (30%) (1 per block @ 10%) Case study x 2 (30%) (1 per semester @ 15% each) Reflective reports – S/NS (1 per semester) PET Competency - S/NS (across the year) CT Log book - S/NS (across year)	Individual	60%	1, 2, 3, 4, 5, 6
2	Clinical Portfolio	Modules x 4 @10% (2 per semester)	Individual	40%	1, 2, 3, 4, 5, 6

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 - Clinical Competence Workbook

Assessment Type	Placement reports
Description	Clinical reports include clinical supervisor reports (1 per block), 2 case study reports (1 per semester), Reflective reports (1 per semester), PET competency and CT logbook (across the year). See Canvas for detailed information.
Weighting	60%
Due Date	See Canvas for submission dates
Submission Method	Online
Assessment Criteria	See Canvas
Return Method	Online
Feedback Provided	Online

Assessment 2 - Clinical Portfolio

Assessment Type	Portfolio
Description	Students will complete 4 online modules (2 per semester). This includes online modules on PET, MRI, CT, and Communication and patient-centred care. See canvas for detailed information.
Weighting	40% (10% per module)
Due Date	See Canvas for submission dates
Submission Method	Online
Assessment Criteria	See Canvas
Return Method	Online
Feedback Provided	Online

ADDITIONAL INFORMATION

Grading Scheme	This course is Part A of a multi-term sequence. A grade will be awarded at the completion of Part B.
Communication Methods	Communication methods used in this course include: Canvas site, email, Zoom meetings.
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.
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/respect-at-uni/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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