

CLINIMAG 712

MRI CLINICAL PRACTICE

15 points

Semester 1 or Semester 2, 2018

Course Description

Develops the knowledge, competencies, skills and attitudes needed to demonstrate mastery in both academic and professional capability in MRI practice.

Objectives of the Course

This course enables the student to provide evidence of their clinical competence while emphasising the importance of synthesising theory and clinical practice elements. Students will evaluate their own clinical practice specifically relating to the core competencies of communication, professionalism, holistic patient care, maintenance of safe practices, ability to operate equipment, knowledge of imaging requirements, ability to produce appropriate diagnostic images, application of management principles, quality service management, and engagement in research and professional development. In particular, this course will promote higher level professional and reflective skills in the student.

Learning Outcomes

1. Apply an evidence-based approach to clinical decision-making and problem solving.
2. Demonstrate the ability to reflect critically on a wide variety of aspects within clinical practice.
3. Demonstrate accountability and personal insight in relation to students' own clinical practice.
4. Demonstrate clinical competence in performing a wide range of MRI examinations.

Teaching Staff



Shelley Park
Course Coordinator
Email: shelley.park@auckland.ac.nz

Programme and Course Advice

Prerequisite: 90 points and departmental approval required

This course is the final compulsory course within the PGDipHSc(MRI) programme. Only students enrolled in this programme are eligible for this course.

Students must have completed or be co-enrolled in the seventh course of the PGDipHSc(MRI) programme. In addition, the course has specific clinical eligibility criteria therefore students are required to apply for departmental approval by submitting a concession request when enrolling in this course.

Course Delivery

This course is offered in both semesters, enabling students the flexibility of enrolling in either semester 1 or semester 2.

The course is delivered fully online by distance via the University of Auckland's learning management system 'Canvas'. It will incorporate a range of learning approaches including videos, webpages, links to the library databases and resources, and utilising online technologies to promote shared learning opportunities.

Students are urged to discuss privately any impairment-related requirements face-to-face and/or in written form with the Course Coordinator.

Workload and contact hours

The total expected workload for this course is approximately **150 hours**. This may be broken down as follows:

- Set readings relevant to MRI clinical practice (10 hours)
- Other resources provided on Canvas e.g. videos, websites (5 hours)
- Assessments and self-directed learning (130 hours)
- Clinical assessment (SOAP) (5 hours)

Communication

All official communication to a student will be sent to the student's current University email address (username@aucklanduni.ac.nz) and the student is responsible for ensuring that any desired forwarding to other addresses is in place and operating correctly. Staff will not be responsible for any consequences if students fail to read and respond to University correspondence in a timely manner.

Students are encouraged to use the course discussion forum as much as possible for communication with staff and other students. Email may be used for more private matters. Staff will endeavour to respond to email queries as soon as possible.

Course Textbook

The **required textbook** for this course is:



Review questions for MRI (2nd ed.)
Carolyn Kaut-Roth and William Faulkner
Chichester, West Sussex: Wiley-Blackwell c2013

This book is available in hardcopy and online via the Philson Library. In addition, a large selection of other readings and resources will be able to be accessed online via the course website and the Philson Library databases.

Pre-course Reading

It is highly recommended that students access the online textbook '**Reflective Practice for Healthcare Professional: A Practical Guide**' (2010) by B. Taylor via the Philson Library and read 'Chapter 1: The nature of reflection and practice'. This should be revision and will be assumed prior knowledge.

Assessment

An aggregated mark of **50%** or more is required to successfully pass this course. In addition, the Online Clinical Competency Test has a mastery pass mark of **70%**. Resubmission of failed assessments is not permitted, with the exception of Student Self-Evaluative (SSE) clinical progress reports within the ePortfolio and the Clinical Competency Mastery Test.

Penalties for excessive word count and/or late submission (without prior written approval for an extension) will be applied in accordance with the 'Medical Imaging Assessment Requirements and Presentation Criteria' document.

The following is indicative of the type of assessments to be completed for this course:

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| • Clinical Reflective Essay | 40% |
| • Proposal for Change | 30% |
| • Online Clinical Competency Mastery Test | 30% |
| • Clinical ePortfolio | Pass/fail |
| ○ Log of minimum number and range of clinical examinations and hours | |
| ○ Longitudinal Evaluations of Performance (LEP) | |
| ○ Multi-source Feedback (MSF) | |
| ○ Progress Reports (SSE and QPR) | |
| ○ Structured Observation and Assessment of Practice (SOAP) | |

Assessment of clinical competence is embedded in this course. Failure to submit or successfully pass any of the clinical ePortfolio components will result in a failing grade for the course. Poor clinical performance cannot be offset by excellent academic results. Please refer to clinical course documentation for further details.

Academic Integrity

The University of Auckland will not tolerate cheating, or assisting others to cheat, and views cheating in coursework as a serious academic offence. The work that a student submits for grading must be the student's own work, reflecting his or her learning. Where work from other sources is used, it must be properly acknowledged and referenced. This requirement also applies to sources on the world-wide web. All students' assessed work will be reviewed against electronic source material using computerised detection mechanisms.

Student Feedback

Assessments will be marked, moderated and returned within 3 weeks of submission, with the possible exception of the last course assessment which will be returned after the Board of Examiners meeting. Feedback will be provided on all assessments in the form of a marking rubric and/or individual or class comments. This feedback will be accessed via email or Canvas as identified by the Course Coordinator. At the end of this course, feedback from students may be requested in the form of an online course evaluation survey.

Disclaimer

Although every reasonable effort is made to ensure accuracy, the information in this document is provided as a general guide only for students and is subject to alteration.

