513-652 Radiology for Physiotherapists

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus. Lectures, workshops and tutorials
Time Commitment:	Contact Hours: 36 hours of lectures and workshops. Total Time Commitment: 36 hours of lectures, workshops and tutorials throughout semester oneStudents are expected to undertake a number of approximately 72 hours of self directed learning in this subject
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry. It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability
Coordinator:	Dr Guy Zito
Subject Overview:	This subject builds on the student's knowledge in radiology, particularly as it applies to the neuro-musculo-skeletal system. The student will be able to explore normal and pathological findings as displayed by a variety of imaging modalities including x-ray, CT scans, MRI and US imaging. They will also have a better appreciation of when to use imaging, which imaging modality to use and when onward referral to another clinician may be more appropriate.
Objectives:	The subject aims to provide students with: # advanced knowledge of imaging techniques # an appreciation of when and how to request imaging as well as which modality to use for a particular condition # advanced skills in understanding the interpretation and clinical implications of radiological findings # appropriate skills in the interpretation of pathology, with awareness of the limitations # a better understanding of radiology reports to enable correlation of the findings with the images
Assessment:	1 hour multi-station written radiology exam (50%) due end of semester1 written assignment - 2500 words (50%) due end of semester
Prescribed Texts:	None
Recommended Texts:	ANDERSON, J, & READ, JW. (2008). Atlas Imaging in Sports Medicine. 2nd edn. McGraw Hill, Sydney
Breadth Options:	This subject is not available as a breadth subject.

Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	The subject aims to provide students with: # Advanced knowledge of imaging techniques # Advanced skills in understanding interpretations and clinical implications of radiological finding # Skills in interpretation of appropriate pathologies # Critical thinking, problem-solving and analytical skills # Improved capacity to detect detail in visual images
Links to further information:	http://www.physioth.unimelb.edu.au/programs/pgrad/index.html