PHTY30010 Musculoskeletal Clinical Science 1A

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: February, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 76 hours lectures, tutorials, practical classes and self directed learning Total Time Commitment: Students will need to allow time for self-directed learning. The following hours are given as minimum requirements: 1 hour pre/post reading for lectures, 2 hours per hour of tutorial sessions and 2 hours extra per week for practical classes. Third year students will need to spend approximately 2 hours per day in study.
Prerequisites:	This subject is not available as a single subject. Students must have passed year 2 of the Bachelor of Physiotherapy and be currently enrolled in the Bachelor of Physiotherapy Year 3 to undertake this subject
Corequisites:	Students will be enrolled in: # Evidence Based Physiotherapy Practice 1 # Cardiorespiratory Pathophysiology 1A # Neurology and Neuroscience 1A
Recommended Background Knowledge:	Years 1 and 2 of the Bachelor of Physiotherapy.
Non Allowed Subjects:	None
Core Participation Requirements:	None
Coordinator:	Mr David Kelly
Contact:	Mr David Kelly
Subject Overview:	This subject focuses on the theoretical component of musculoskeletal science and prepares students for the clinical application of this theory. It includes the coverage of the aetiology, medical and surgical management and physiotherapy treatment of common musculoskeletal disorders. Content covered includes fractures and associated soft tissue injuries; arthritic conditions; joint replacements and vertebral disorders.
Objectives:	By the completion of this course, students will have had the opportunity to develop the following specific skills: # a sound theoretical knowledge of fractures and associated soft tissue injuries, arthritic conditions, joint injuries and vertebral disorders, and their management # the ability to perform an appropriate subjective and physical examination, with development of suitable analytical skills to evaluate data obtained # the capacity to plan, and the skills to implement appropriate effective physiotherapy treatment
Assessment:	Students must pass the combined theoretical and practical components of the assessment in order to pass the subject.2 hour written examination at the end of semester (60%)Practical/ Tutorial class assessment during the semester – mark given at end of semester (10%)Practical skills examination at end of semester (30%)
Prescribed Texts:	Maitland's Vertebral Manipulation (G Maitland), Oxford Butterworth Heinemann, 2005Practical Fracture Treatment (R McRae and M Esser), New York, Churchill Livingstone, 2008
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:	By the completion of this subject, students will have had the opportunity to develop the following generic skills: # An appreciation of the importance of, and development of good written and verbal communication skills # The ability to begin to apply new research data to problem-solve in clinical cases # Provide opportunities to discuss education and compliance issues recognizing the interactions of psychosocial, communication and ethical factors with emphasis on client-centred practice # An appreciation of the importance of, and skills in developing, a team approach in working with colleagues