PHTY30006 Neurology and Neuroscience 1B

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: July, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 5 weeks (28 hours a week) 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 independent study.
Prerequisites:	This subject is not available as a single subject. Students must be currently enrolled in the Bachelor of Physiotherapy Year 3 to undertake this subject. The student must have passed Neurology and Neuroscience 1A, before undertaking this subject.
Corequisites:	None
Recommended Background Knowledge:	Years 1 and 2 and semester 1 of year 3 of the Bachelor of Physiotherapy.
Non Allowed Subjects:	None
Core Participation Requirements:	None
Coordinator:	Dr Kimberly Miller
Contact:	Dr Kimberly Miller
Subject Overview:	This subject focuses on the application of neurology and neuroscience in the clinical context. The clinical component of this subject integrates theoretical knowledge with clinical reasoning and practical application skills as students work with patients with a variety of neurological conditions. Further it provides students with opportunities to develop high level communication skills and an awareness of the role of the physiotherapist within the multidisciplinary rehabilitation team and the medical system.
Objectives:	Through the clinical block this subject aims to: # apply a theoretical framework for neurological rehabilitation introduced in Neurology and Neuroscience 1A # provide opportunities to select and apply neurological assessment techniques including observational analysis, and specific impairment and activity limitation evaluation in patients with neurological conditions in a clinical setting # provide opportunities to select and apply physiotherapeutic interventions and management plans at a basic or introductory level to address identified patient problems and treatment goals
Assessment:	Students must pass both the combined clinical components and the theoretical component of the assessment in order to pass the subject.Continuous clinical assessment (60%)Clinical exam (10%) in the final week of the clinical placement2 hour written examination at the end of the semester (30%)
Prescribed Texts:	Carr JH and Shepherd RT (2010): Neurological Rehabilitation: Optimizing Motor Performance (2nd edition). Edinburgh: Churchill Livingstone ElsevierCarr JH and Shepherd RT (2003): Stroke Rehabilitation: Guidelines for Exercise and Training to Optimize Motor Skill. New York: Butterworth-Heinemann.Hill K, Denisenko S, Miller K, Clements T and Batchelor F (2005): Clinical Outcome Measurement in Adult Neurological Physiotherapy. (3rd edition). Victorian Branch, Australian Physiotherapy Association. Fourth edition should be available for purchase shortly.

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 with both patients and health professionals # The ability to apply a problem solving approach to patient management # The ability to apply leadership skills to confidently contribute to the health care team as a collaborative team member # The ability to begin to apply new research data to problem-solve in unfamiliar situations # The capacity to apply time management skills to enable effective management of workload