PHTY30011 Cardiorespiratory Pathophysiology 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 Cardiorespiratory Pathophysiology 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 Annemarie Lee
Contact:	Dr Doa El-Ansary
Subject Overview:	On completion of this subject, students should have the ability to apply the theory covered in Cardiorespiratory Pathophysiology 1A to clinical practice. This includes comprehending the mechanisms by which the pathophysiology, history and physical examination of medical and surgical cardiorespiratory conditions are integrated to produce a problem list from which an effective physiotherapy management plan is derived. Students will have developed skills in managing uncomplicated medical and surgical patients including accurate assessment, performance of basic techniques and the ability to safely implement and modify these as necessary. The theoretical component will cover the evidence for and the use of cardiorespiratory techniques, the role of exercise in both respiratory and cardiac conditions and the management of paediatric cardiorespiratory conditions. Clinical practice will emphasise performance of assessment and treatment skills and an ability to formulate basic management plans for medical and surgical patients.
Objectives:	# Comprehend mechanisms by which pathophysiology, history and physical examination of medical and surgical cardiorespiratory conditions are integrated to produce a problem list and implement effective physiotherapy management plan. # Independently perform a thorough subjective and objective patient assessment. Analyse assessment findings in view of pathophysiology and evidence based practice and formulate and prioritise a patient problem list. # Complete a safe and effective treatment for basic medical and surgical patients. # Gain knowledge with equipment used in the management of cardiorespiratory conditions.
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:	Physiotherapy for Respiratory and Cardiac Problems - Adults and Paediatrics (JA Pryor and SA Prasad), 4th edn, Churchill Livingstone, 2007 Respiratory Physiology - The Essentials (JB West), 6th edn, Lippincott, Williams and Wilkins 2000
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