513-401 Cardiorespiratory Pathophysiology 2

Credit Points:	12.50
Level:	4 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Year Long, - Taught on campus.
Time Commitment:	Contact Hours: Equivalent of 60 hours throughout fourth year, 24 hours lectures and seminars and self-directed learning, four weeks (28 hours per week) clinical placement 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. Fourth year students will need to spend approximately 2 hours per day in study and at least 2 extra hours per week practising clinical skills.
Prerequisites:	This subject is not available as a single subject. Students must be currently enrolled in the Bachelor of Physiotherapy to undertake this subject.
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:	Assoc Prof Linda Denehy
Subject Overview:	On completion of this subject, students should comprehend the theory relevant to diagnostic procedures used in cardiorespiratory physiotherapy assessment, the theory of ventilation and intensive care monitoring and management techniques used for critically ill patients. Students will have developed further skills in cardiorespiratory assessment and the selection and application of treatment techniques, including those used in specialised unit settings. Students will have developed skills in the clinical decision-making process, leading to development of comprehensive treatment plans for most patients treated by physiotherapists. The theoretical component will build on knowledge of respiratory and cardiovascular physiology and studies undertaken in Cardiorespiratory Pathophysiology 1.
Objectives:	With respect to specific skills, Cardiothoracic Physiotherapy 2 is an extension of Cardiothoracic Physiotherapy 1, where the patients seen may be more acutely unwell than those previously treated, and physiotherapy management of patients in ICU is introduced.
Assessment:	Clinical: continuous clinical assessment (50%). Theory: case presentation (10%), 2-hour written examination at the end of the year (40%). Students must pass both clinical and theoretical components of the assessment in order to pass the subject.
Prescribed Texts:	Physiotherapy for Respiratory and Cardiac Problems - Adults and Paediatrics (JA Pryor and SA Prasad), 3rd edn, Churchill Livingstone, 2008
Recommended Texts:	# Oh's Intensive Care Manual (AD Bersten), 5th edn, Butterworth Heinemann, 2003

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:	At the completion of this subject, it is expected that you will have the following generic skills: # the leadership skills to confidently contribute to the health care team with respect to physiotherapy management # the capacity to approach unfamiliar problems and more complex concepts in an analytical manner # time management skills to enable efficient and effective management of a patient work load.