MEDI90057 Advanced Valve and Aortic Pathology

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2010, Hawthorn This subject commences in the following study period/s: Semester 1, Hawthorn - Taught online/distance. This subject will be taught off-campus (online)Course materials will be distributed via mail to students. Administration is via e-mail.
Time Commitment:	Contact Hours: Off Campus, Online Total Time Commitment: 120 hours
Prerequisites:	Nil
Corequisites:	Nil
Recommended Background Knowledge:	nil
Non Allowed Subjects:	nil
Core Participation Requirements:	For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
Contact:	**Postal Address:** Cardiovascular Therapeutics Unit Department of Pharmacology University of Melbourne Parkville VICTORIA 3010 Telephone: +61 3 8344 5673 Fax: +61 3 8344 5193 **Email Address: echo-info@unimelb.edu.au (mailto:echo-info@unimelb.edu.au)**
Subject Overview:	This subject will provide advanced knowledge called valvular and aortic pathology and echocardiography assessment Topics include: 1 Mitral Regurgitation 2 Perioperative Assessment of Mitral Valve Regurgitation 3 Mitral stenosis 4 Aortic Stenosis 5 Aortic Regurgitation 6 The Tricuspid Valve 7 Aortic Disease 8 Prosthetic Valve Assessment 9 The Pulmonary Valve and Miscellaneous Conditions 10 Miscellaneous Congenital Cardiac Disorders
Objectives:	The completion of the subject, students should: 1 Assess mitral regurgitation and stenosis 2 Assess aortic regurgitation and stenosis 3 Assess tricuspid and pulmonary valve pathology 4 Understand aortic disease 5 Understand prosthetic valve assessment 6 Understand basic congenital cardiac disorders 7 Complete 20 case reviews

Assessment:	1. 80% of assessment: one open- book multiple-choice examination consisting of 50 questions which are likely to include case study diagnoses and image interpretation and measurement. Students will have 1 week to complete the examination during the assessment period at the end of each semester. 2. 20% of assessment: completion of self assessment modules at the end of each tutorial, progressively through the semester. These are completed in the workbooks issued to students and it is a requirement that these workbooks are signed and returned for assessment.
Prescribed Texts:	Royse C, Donnan G, Royse A. Pocket Guide to Perioperative and Critical Care Echocardiography. 2006; McGraw-Hills
Recommended Texts:	Other materials will be provided as a package of readings, PowerPoint presentations and case studies.
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:	# Enhance time utilisation # Improve written skills and problem solving skill All students are expected to have access to a computer that can operate a Windows platform or simulation.
Links to further information:	http://www.heartweb.com.au/www/559/1001127/home--default.asp
Notes:	This subject is available to part-time and full-time students This subject is not available to Commonwealth Supported students. This subject is not available as breadth. Administration is via e-mail.
Related Course(s):	Master of Clinical Ultrasound Postgraduate Diploma in Clinical Ultrasound