MEDI90050 Doppler Echocardiography

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2014. Off campus only (online) Course materials will be distributed via mail to students.
Time Commitment:	Contact Hours: Off-campus (online) delivery Total Time Commitment: 120 hours
Prerequisites:	To enrol in this subject, you must be admitted in either the Post Graduate Certificate or Post Graduate Diploma in Clinical Ultrasound. This subject is not available for students admitted in any other courses.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
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:	The University of Melbourne Ultrasound Education Group Department of Surgery Level 6 Centre for Medical Research The Royal Melbourne Hospital Parkville, VIC 3050 Telephone: +61 3 8344 5673 Fax: +61 3 8344 5193 Email : echo-info@unimelb.edu.au Website : **www.heartweb.com.au (www.heartweb.com.au)**
Subject Overview:	This subject will introduce Doppler echocardiography to complement basic transthoracic echocardiography imaging. Topics include: 1 Principles of Blood flow 2 Principles of Doppler, and Optimising Image 3 Basic Doppler Measurement Technique 4 Colour Flow Doppler 5 Doppler Assessment of Systolic Function 6 Using Doppler to Help Grade Valve Lesions 7 HEARTscan Studies with Doppler Measurements
Learning Outcomes:	The completion of the subject, students should: 1 Understand principles of blood flow 2 Principles of Doppler and basic flow measurement techniques 3 Colour flow Doppler 4 Using Doppler to help grade valve lesions

	5 Complete 40 case reviews
Assessment:	80% of assessment: one open-book multiple-choice examination consisting of 50 questions. Students will have 1 week to complete the examination during the assessment period at the end of the semester. 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, Donna G, Royse A. Pockete 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. Administration of the course is via e-mail.
Links to further information:	http://www.heartweb.com.au
Notes:	This subject is available to part-time and full-time students. This subject is not available to Commonwealth Supported students. This subejct is not available as breadth Administration is via e-mail
Related Course(s):	Master of Clinical Ultrasound Postgraduate Certificate in Clinical Ultrasound Postgraduate Diploma in Clinical Ultrasound