

## 360-874 Transthoracic and Surface Ultrasound

<b>Credit Points:</b>	12.500
<b>Level:</b>	Graduate/Postgraduate
<b>Dates &amp; Locations:</b>	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus. Semester 2, - Taught on campus. Off campus
<b>Time Commitment:</b>	Contact Hours: n/a Total Time Commitment: It is estimated that distance education students will be required to spend approximately 120 hours through a combination of studying course materials, reading nominated texts, journal review, practice worksheets, assessment assignments, and in identifying and integrating the information within their clinical practice.
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	<p>&lt;p&gt;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.&lt;/p&gt;         &lt;p&gt;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: &lt;a href="http://services.unimelb.edu.au/disability"&gt;http://services.unimelb.edu.au/disability&lt;/a&gt;&lt;/p&gt;</p>
<b>Subject Overview:</b>	This subject will teach basic rather than comprehensive echocardiography examination using the transthoracic and epivascular approaches. The focus will be on determining haemodynamic information using these approaches and their application in the perioperative environment. Subsections of the subject will include the different probe types, how to obtain the basic views, understanding of the limitations, basic haemodynamic quantitative measurements, and small and large vessel imaging. Illustrations of these applications will be provided via case scenarios in operating room or intensive care environments.
<b>Assessment:</b>	Open book multiple choice question exam 50 questions per subject (80%). Self assessment modules in the workbooks (20%). The University reserves the right to review these worksheets if there are any doubts about the authenticity of the students work, or to monitor student progress.
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Generic Skills:</b>	<p>This subject encompasses particular generic skills. On completion of the subject, students should be able to:</p> <ul style="list-style-type: none"> <li># Improve "thinking skills" when learning the different anatomical orientations of transthoracic versus transoesophageal echocardiography examinations.</li> <li># Evaluate scientific literature to determine the value of new imaging modalities on influencing clinical outcome.</li> <li># Develop an advanced understanding of the changing knowledge base in the specialist areas this subject encompasses.</li> </ul>

<b>Links to further information:</b>	<a href="http://www.pharmacology.unimelb.edu.au/echocourse/">http://www.pharmacology.unimelb.edu.au/echocourse/</a>
<b>Related Course(s):</b>	Postgraduate Diploma in Perioperative and Critical Care Echocardiography