

421-616 Technology Assessment

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: 36 hours; Non-contact time commitment: 84 hours Total Time Commitment: Not available
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>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.</p> <p>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</p></p>
Coordinator:	Dr Brian Davidson
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Subject Overview:	Nature of technology; nature of technological changes; introduction to production theory; comparative advantage; net national value added; social cost benefit analysis, environmental impact statements; environmental economics; financial analysis using discounted cash flow techniques; Financial aid agencies; Case studies.
Objectives:	<ul style="list-style-type: none"> # To understand the interaction of economic, social, political, cultural environmental and technical factors involved in technological choice, at both national and project level # To understand the major tools available for making such choices
Assessment:	One 2-hour examination (50%) and two assignments of up to 1,500 words (50%).
Prescribed Texts:	None
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
Related Course(s):	Graduate Diploma in Engineering(Development Technologies) Master of Development Studies(CWT) Master of Development Technologies Master of Energy Studies Master of Engineering Management Master of Engineering Project Management Master of Engineering Science (Development Technologies) Master of Engineering Science (Energy Studies) Master of Engineering Science (Engineering Management)

Master of Engineering Science (Water Resource Management)
Master of Engineering Structures
Master of Environmental Engineering
Master of Water Resource Management