ABPL90030 Project Evaluation

Credit Points:	12.5
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2015, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus. This subject may be offered in Semester 2 on a biennual basis from 2015 onwards.
Time Commitment:	Contact Hours: 3 hours per week Total Time Commitment: 170 Hours
Prerequisites:	Admission into one of the following courses: MC-ARCH Master of Architecture MC-ARCH2Y Master of Architecture (200 points) MC-ARCH3Y Master of Architecture (300 points) MC-CM Master of Construction Management MC-CONMG2Y Master of Construction Management (200 points) MC-CONMG3Y Master of Construction Management (300 points) MC-LARCH Master of Landscape Architecture MC-LARCH2Y Master of Landscape Architecture (200 points) MC-LARCH3Y Master of Landscape Architecture (300 points) MC-PROP Master of Property MC-PROP2Y Master of Property (200 points) MC-PROP3Y Master of Property (300 points) MC-URPL Master of Urban Planning 234AA Master of Design 234AH Master of Design (Heritage) 373AA Graduate Diploma in Planning and Design Or approval from the subject coordinator.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	**ABPL90030 Project Evaluation and Management (../../view/2011/ABPL90030)**
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:	Dr Hemanta Doloi
Contact:	**Environments and Design Student Centre** Ground Floor, Baldwin Spencer (building 113) *Enquiries* Phone: 13 MELB (13 6352) Web: **http://edsc.unimelb.edu.au/ (http://edsc.unimelb.edu.au/)** Email: **edsc-enquiries@unimelb.edu.au (mailto:edsc-enquiries@unimelb.edu.au)**
Subject Overview:	This subject was formerly called Project Evaluation and Management.

	This subject develops fundamental knowledge in the technical modeling and evaluation of projects' feasibility, procurement strategies and outcomes, both in the public and the private sector. Topics covered include: capital formation; role of interest rates; assessing financial feasibility and the investment decision; project financing and financing instruments; technological strategies; profitability; socio-economic impact of projects; cost-benefit analysis; fitness for purpose; and revision of forecasts and financial decisions during project implementation. Students are required to apply this knowledge to real-life case projects to develop appropriate models for the analysis and evaluation of how the work meets objectives and expectations of the parties involved.
Learning Outcomes:	# To develop skills in project modelling and evaluation, making investment decisions and assessing project impacts and benefits against costs. # To understand the financial, economic and other technical aspects of project evaluation; # To develop analytical and problem-solving skills in relation to such aspects; # To evaluate project feasibility and success; # To facilitate decision-making on project investments.
Assessment:	Two assignments equivalent to a total of 2000 words (40%) due in week 7 and 11, demonstrating the theoretical understanding of the project evaluation techniques in both financial and non-financial terms and application of knowledge in the real life case projects for developing project appraisals and appropriate decision-making. Reflective report equivalent to 1000 words (20%) due in week 12, demonstrating the progressive development of new knowledge and acquired competencies with respect to the target and learning outcomes in the subject. Two hour examination equivalent to 200 words during the examination period (40%) demonstrating a critical analysis of the theories, principles, tools and techniques of project evaluation applied across both public and private sector construction projects. A minimum mark of 40% has to be achieved in the examination in order to pass this subject.
Prescribed Texts:	None
Recommended Texts:	1 Course materials. 2 Grant, Ireson and Leavenworth, *Principles of Engineering Economy*, Wiley. 3 Blank and Tarquin, *Engineering Economy*, McGraw-Hill.
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:	On completion of this subject, students will have gained skills in: # An appreciation of the scope and dimensions of professional roles; # The ability to function effectively as either a team leader or member within multi-disciplinary and multi-cultural teams; # A commitment to, and fundamental appreciation of, the concept of successful teamwork and the ability to communicate effectively, clearly and concisely as a team leader or member of the group; # An ability to communicate ideas, concepts and solutions to both technical and non-technical audiences effectively, clearly and concisely; # An ability to carry out research and apply fundamental theoretical knowledge to problem solving in relevant disciplines.
Links to further information:	http://www.msd.unimelb.edu.au/how-to-apply/coursework/
Notes:	**Special Computer Requirements:** A PC with Windows operating system; internet access and a webcam. **Resources provided to distance students:** Internet-based IT framework (Learning Management System) with secured access facilitating completion of assignments handed out during the workshop session and online access to other students and the subject coordinator/ tutor.

Related Majors/Minors/ Specialisations:	Corporate Management Cost Management Energy Efficiency Modelling and Implementation Energy Efficiency Modelling and Implementation Melbourne School of Design multidisciplinary elective subjects Policy Project Management Research and Development Tailored Specialisation Tailored Specialisation