

ABPL90025 Project Management in Practice

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2013.
Time Commitment:	Contact Hours: 1 x 3-hour lecture per week Total Time Commitment: 120 hours
Prerequisites:	Admission to the following Melbourne School of Design programs: MC-ARCH2Y Master of Architecture (200 points) MC-ARCH3Y Master of Architecture (300pts) MC-LARCH2Y Master of Landscape Architecture (200 points) MC-LARCH3Y Master of Landscape Architecture (300 points) MC-CONMG2Y Master of Construction Management (200 pts) MC-CONMG3Y Master of Construction Management (300 pts) MC-PROP2Y Master of Property (200 pts) MC-PROP3Y Master of Property (300 pts) MC-URPL Master of Urban Planning 234AA Master of Design (100 pts) 234AH Master of Design (Heritage) (100 points) 373AA Graduate Diploma in Planning and Design MC-URBDES Master of Urban Design MC-DESURB Master of Design (Urban Design) Or approval from the subject coordinator.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	ABPL90025 Project Scope, Time and Cost (../view/2011/ABPL90025)
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>
Contact:	Environments and Design Student Centre Ground Floor, Baldwin Spencer (building 113) <i>Enquiries</i> Phone: 13 MELB (13 6352) Website: http://www.msd.unimelb.edu.au (http://www.msd.unimelb.edu.au/)
Subject Overview:	This subject was formerly called Project Scope, Time and Cost. The aim of this subject is to employ real-life case projects to deliver comprehensive application skills in integrated management and control of scope, cost and schedule in building. Areas covered include: baseline planning; cost budgeting and financial management; scope to budget balancing; time schedule execution; monitoring and reporting processes; change control and earned value analysis. By completing this subject, students should achieve a clear understanding of how to manage scope, time and cost, and how to take appropriate control measures in project development environments. A comprehensive assessment toolkit has been developed to facilitate students' own progressive competency development in the subject.
Objectives:	On the completion of this subject, students should be able to:

	<ul style="list-style-type: none"> # Discuss the project management trade-offs on balancing the triple-constraint: Scope, Time and Cost; # Explain the integrated cost and schedule control processes; # Construct work breakdown structure (WBS) using given project information; # Discuss scope monitoring and change control system; # Produce networks diagrams for project scheduling; # Apply critical path analysis (CPA) in network scheduling; # Apply critical chain method in project scheduling; # Estimate the project cost and duration; # Apply resource scheduling techniques; # Construct a time-phased budget plan; # Discuss cost monitoring and control processes; # Undertake earned value analysis (EVA); and # Undertake integrated cost and schedule control processes using project management software (Microsoft Project or Primavera).
Assessment:	2 team assignments – 3,000 words (40%) due in Week 6 and Week 10; Individual report - 1000 words (20%) – due in Week 12; Final reflective test – 2,000 words (40%).
Prescribed Texts:	Course materials. A Guide to the Project Management Body of Knowledge, 4th ed, Project Management Institute, 2008. J.R. Turner, The Handbook of Project-Based Management, McGraw-Hill, 1998. J.R. Meredith & S.J. Mantel, Project Management: A Managerial Approach, Wiley, 2005.
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:	<p>At the completion of the subject students should have developed the following skills and capabilities:</p> <ul style="list-style-type: none"> # An appreciation of the integrated project control processes 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.
Notes:	<p>Computer Requirements: A PC with Windows operating system; 56k Modem for dial-up access, and a webcam.</p> <p>Resources provided to distance students: Internet based IT framework (Learning Management System) with secured access facilitating interactions with other students and the subject coordinator/tutor and completion of academic exercises.</p>
Related Course(s):	<p>Master of Design (Urban Design)</p> <p>Master of Urban Design</p> <p>Master of Urban Design</p>
Related Majors/Minors/Specialisations:	<p>Building</p> <p>Building Systems and Trade Specialties</p> <p>Cost Management</p> <p>Melbourne School of Design multidisciplinary elective subjects (without prerequisites)</p> <p>Project Management</p>