

ABPL90313 Management of Construction

Credit Points:	12.50								
Level:	9 (Graduate/Postgraduate)								
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.								
Time Commitment:	Contact Hours: 48 hours (2 hour lecture & 2 hour tutorial per week) Total Time Commitment: 120 hours								
Prerequisites:	Entry into MC-CONMG3Y Master of Construction Management (300 points)								
Corequisites:	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ABPL90292 Construction of Buildings</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	ABPL90292 Construction of Buildings	Semester 1	12.50
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ABPL90292 Construction of Buildings	Semester 1	12.50							
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 course are articulated in the Course Description, Course Objectives and Generic Skills 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/								
Coordinator:	Ms Valerie Francis								
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:	<p>This subject provides an introduction to the nature and construction industry both locally and internationally. It investigates the roles and responsibilities of a range of industry stakeholders and introduces project procurement systems and contracts. Theories relating to management and project management and how they apply to the construction industry are presented. The subject then focuses on issues affecting the management of construction projects at the site level. An overview of production management and how it relates to the construction industry is provided along with consideration of issues affecting the efficient use of resources such as labour, subcontract labour, materials, plant and equipment. Labour productivity improvement techniques to such as work study and activity sampling are presented. Industrial relations, site safety and quality assurance are introduced along with construction project planning methods. Critical path scheduling is presented and the construction plan for a small scale building is undertaken.</p>								
Objectives:	On completion of this subject students should be able to: <ul style="list-style-type: none"> # understand the role of the construction industry in the economy; # appreciate the role of various design and construction professionals; # understand the basic theories of management and project management; # identify factors affecting the selection of the project procurement systems; # demonstrate a general knowledge of site management procedures for the efficient and effective use of resources on a construction site; 								

	<ul style="list-style-type: none"> # appreciate factors affecting site productivity including the factors of industrial relations and safety at the site level; # show a sound knowledge of critical path scheduling and apply this knowledge to a given situation.
Assessment:	One three-hour examination during the examination period (60%) Assignments totalling no more than 2,000 words (40%), due 4th, 8th and 12th week of semester. Regardless of assignment results, a minimum mark of 40% has to be achieved in the examination in order to pass this subject.
Prescribed Texts:	Annual Reader
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:	<ul style="list-style-type: none"> # Problem-solving skills # Team work skills # Analytical skills # Communication skills
Related Course(s):	Master of Construction Management