

## ABPL90334 Means and Methods in Construction

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	This subject is not offered in 2013.
<b>Time Commitment:</b>	Contact Hours: 3 hours per week Total Time Commitment: 120 hours
<b>Prerequisites:</b>	Admission to MC-CONMG2Y Master of Construction Management (200 points), MC-CONMG3Y Master of Construction Management (300 points) or approval from the subject coordinator.
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	<b><u>702862 Construction Methods and Planning (.J../view/2008/702-862)</u></b>
<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>Contact:</b>	Environments and Design Student Centre Ground Floor, Baldwin Spencer (building 113) Enquiries Phone: 13 MELB (13 6352) Website: <a href="http://www.msd.unimelb.edu.au">http://www.msd.unimelb.edu.au</a> ( <a href="http://www.msd.unimelb.edu.au">http://www.msd.unimelb.edu.au</a> )
<b>Subject Overview:</b>	The subject examines the features and functions of various construction plant and temporary works employed in Australia and abroad, comparatively discussing their advantages and disadvantages to facilitate selection according to specific construction contexts. The historical development of construction methods and the factors behind their trends and innovation are also discussed. Disciplinary coverage includes advanced topics such as the use of simulation and visualisation in construction method planning.
<b>Objectives:</b>	<ul style="list-style-type: none"> <li># To link construction method planning with project time and cost planning;</li> <li># To provide the features and functions of various construction plant and temporary works;</li> <li># To provide pros and cons of various construction methods for selection purpose;</li> <li># To provide the development trends of construction method application for different purposes;</li> <li># To highlight innovation in construction methods.</li> </ul>
<b>Assessment:</b>	Class participation (10%). Assignment equivalent to not more than 2,000 words (30%) due in week 9. Final exam (60%) equivalent to not more than 2,000 words.
<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>	On completion of the subject, students should be able to:

	<ul style="list-style-type: none"><li># Understand the interaction among construction methods, project schedule and budget;</li><li># Assess the suitability of construction plant and temporary works for various construction requirements;</li><li># Complete preliminary risk assessment and hazard identification of construction plant and temporary works;</li><li># Be conversant with the terminology;</li><li># Understand the Occupational Health and Safety Act and to determine compliance with the construction Codes of Practice; and</li><li># Understand the importance of the broader social, economic and political environment in which the construction industry operates.</li></ul>
<b>Related Majors/Minors/ Specialisations:</b>	Building Building Systems and Trade Specialties Corporate Management Cost Management Project Management