

ABPL20033 Construction Analysis

Credit Points:	12.50								
Level:	2 (Undergraduate)								
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.								
Time Commitment:	Contact Hours: Two hours of lectures and two hours of tutorials per week. Total Time Commitment: 120 hours								
Prerequisites:	The following subject is a pre-requisite:								
	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ENVS10003 Constructing Environments</td> <td>Not offered 2011</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	ENVS10003 Constructing Environments	Not offered 2011	12.50
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ENVS10003 Constructing Environments	Not offered 2011	12.50							
Corequisites:	None specified								
Recommended Background Knowledge:	None specified								
Non Allowed Subjects:	None specified								
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 subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements 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:	Prof Paolo Tombesi								
Contact:	Email: p.tombesi@unimelb.edu.au (mailto:p.tombesi@unimelb.edu.au)								
Subject Overview:	<p>This subject was formerly called Construction Methods.</p> <p>This subject explores the idea of construction as a process linking specific principles, materials, elements, systems and techniques strategically. Using a set of individual buildings as case studies, Construction Analysis will review and explain the physical anatomy of given technological types, emphasizing their latitude for change within accepted mechanical performance frameworks.</p>								
Objectives:	<p>The objectives of this subject are to:</p> <ul style="list-style-type: none"> # relate building manufacturing and assembly principles to diverse small- to medium-scale construction projects; # understand logics, conventions and challenges of technical representations; # appreciate both the relationship and the distance between building conception and building implementation; # transform this appreciation into an interpretative framework for the organization of small- to medium-scale architectural practice. 								
Assessment:	Written and/or graphic submissions (e.g. - tutorial exercises, class presentations, materials, construction or site reports, construction drawings and models) due from weeks 3 to 12 (totaling 60%) to the equivalent of 3000 words; A two-hour end-of-semester examination (40%). Assessment may relate to work undertaken in other major subjects. Regardless of assignment results, a minimum mark of 40% must be achieved in the examination in order to pass the subject								

Prescribed Texts:	None specified
Recommended Texts:	
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> # <u>Bachelor of Arts</u> (https://handbook.unimelb.edu.au/view/2011/B-ARTS) # <u>Bachelor of Biomedicine</u> (https://handbook.unimelb.edu.au/view/2011/B-BMED) # <u>Bachelor of Commerce</u> (https://handbook.unimelb.edu.au/view/2011/B-COM) # <u>Bachelor of Music</u> (https://handbook.unimelb.edu.au/view/2011/B-MUS) # <u>Bachelor of Science</u> (https://handbook.unimelb.edu.au/view/2011/B-SCI) # <u>Bachelor of Engineering</u> (https://handbook.unimelb.edu.au/view/2011/B-ENG) <p>You should visit <u>learn more about breadth subjects</u> (http://breadth.unimelb.edu.au/breadth/info/index.html) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<p>Upon successful completion of this subject, you will have had the opportunity to develop the following skills:</p> <ul style="list-style-type: none"> # ability to identify and follow the logics of construction; # ability to communicate with peers and the community at large concerning construction matters; # ability to select materials and systems to achieve coherent three-dimensional designs; # ability to select and work with constructional types suitable to building scale and function; # ability to identify and access necessary areas of knowledge.
Related Majors/Minors/Specialisations:	Architecture