ABPL20033 Construction Analysis

Credit Points:	12.5
Level:	2 (Undergraduate)
Dates & Locations:	2016, 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: 170 hours
Prerequisites:	<table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>ENVS10003 Constructing Environments</td><td>Semester 1, Semester 2</td><td>12.50</td></tr></table>
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
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 Alberto Pugnale
Contact:	Email: **alberto.pugnale@unimelb.edu.au (mailto:alberto.pugnale@unimelb.edu.au)** The Eastern Precinct (building 138) (between Doug McDonell building and Eastern Resource Centre) **Enquiries:** Current Student: **http://ask.unimelb.edu.au/ (http://ask.unimelb.edu.au/)** Web: **http://edsc.unimelb.edu.au/ (http://edsc.unimelb.edu.au/)**
Subject Overview:	This subject was formerly called Construction Methods. 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.
Learning Outcomes:	The objectives of this subject are to: # 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 participation and presentations, materials, construction or site reports, construction drawings and models) due from weeks 3 to 12 to the equivalent of 2,400 words, (totalling 60%); A two hour endof semester examination (40%); Assessment may relate to work undertaken in other major subjects.Hurdle requirement: Regardless of assignment results, a minimum mark of 40% must be achieved in the examination in order to pass the subject.
Prescribed Texts:	None
Recommended Texts:	
Breadth Options:	This subject potentially can be taken as a breadth subject component for the following courses: # **Bachelor of Arts (https://handbook.unimelb.edu.au/view/2016/B-ARTS)** # **Bachelor of Biomedicine (https://handbook.unimelb.edu.au/view/2016/B-BMED)** # **Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2016/B-COM)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2016/B-MUS)** # **Bachelor of Science (https://handbook.unimelb.edu.au/view/2016/B-SCI)** # **Bachelor of Engineering (https://handbook.unimelb.edu.au/view/2016/B-ENG)** You should visit **learn more about breadth subjects (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.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	Upon successful completion of this subject, you will have had the opportunity to develop the following skills: # 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 major Civil (Engineering) Systems major Construction major Engineering Systems Environments Discipline subjects Restrictions for Breadth Options within the Bachelor of Environments - relating to specific majors