ABPL90118 Applied Construction

Credit Points:	12.5
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2015, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.
Time Commitment:	Contact Hours: One 2-hour lecture and one 2-hour tutorial per week, for 12 weeks. Total Time Commitment: 170 hours
Prerequisites:	Admission into one of the following courses MC-ARCH2Y Master of Architecture (200 points) **OR** MC-ARCH Master of Architecture MC-ARCH3Y Master of Architecture (300 points) **PLUS** completion of the following subjects:

Subject	Study Period Commencement:	Credit Points:
ABPL90286 Construction Methods A	Semester 1	12.50
ABPL90287 Construction Methods B	Semester 2	12.50

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:	Mr Giorgio Marfella
Contact:	**Environments and Design Student Centre** Ground Floor, Baldwin Spencer (building 113) *Enquiries* Phone: 13 MELB (13 6352) Web: **http://edsc.unimelb.edu.au/ (http://edsc.unimelb.edu.au/)** Email: **edsc-enquiries@unimelb.edu.au (mailto:edsc-enquiries@unimelb.edu.au)**
Subject Overview:	This subject focuses on the design development of more programmatically complex building types not yet studied in detail during Construction Methods A & B, or undergraduate Bachelor of Environments architectural construction subjects. In this subject, students will explore and translate complex design propositions into a mode of construction, which considers assembly, materiality, regulatory frameworks, programme-based

	technical requirements, environmental servicing, multidisciplinary aspects and leading edge industry practice. On completion of the subject students should be able to: # Adapt and apply construction details to new purposes; # Relate the specific nature of construction details to the general nature of the design intent; # Develop new details based on a particular set of technical and programmatic requirements; # Understand the multidisciplinary nature of design development; # Resolve a design proposal to Design Development stage applying current good practice in terms of sustainability and detailing; # Communicate using accepted architectural graphic practice.
Learning Outcomes:	The objectives of this subject are as follows: # To form a link between architectural sketch designs and constructed examples of architecture; # To investigate how built examples of designs relate to the design intent of the architects; # To develop an appreciation of the processes of design development and its relation to various forms of technical representation; # To understand the multidisciplinary role of research and development during design development.
Assessment:	Assignment 1 (graphic project involving technical drawings and model preparation), due week 3, 10%, 500 word equivalent. Assignment 2 (graphic project involving technical drawings and model preparation), due week 5, 10%, 500 word equivalent. Assignment 3 (graphic project involving technical drawings and model preparation), due week 7, 10%, 500 word equivalent. Assignment 4 (graphic project involving technical detailing), due week 9, 15%, 750 word equivalent. Assignment 5 (graphic project involving technical detailing), due end of Semester, 15%, 750 word equivalent. Final submission: graphic project including written report and model preparation, due week 12, 30%, 1500 words. Class Participation, throughout semester, 10%.
Prescribed Texts:	None
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:	In this subject students will develop: # an ability to undertake problem identification, formulation and solution; # an expectation of the need to undertake lifelong learning, and a capacity to do so; # a capacity for independent critical thought, rational inquiry and self-directed learning; # the ability to communicate accurately and succinctly using documentation techniques; # the ability to respond effectively to unfamiliar problems and contexts using existing knowledge where appropriate.
Related Course(s):	Master of Architecture Master of Architecture
Related Majors/Minors/ Specialisations:	200 point Master of Architecture 300 point Master of Architecture