

## 702-245 Construction Methods

<b>Credit Points:</b>	12.50
<b>Level:</b>	2 (Undergraduate)
<b>Dates &amp; Locations:</b>	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus.
<b>Time Commitment:</b>	Total Time Commitment: Not available
<b>Prerequisites:</b>	880-103 Constructing Environments
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<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>Coordinator:</b>	Prof Paolo Tombesi
<b>Subject Overview:</b>	This subject explores standard construction practices and principles, materials, construction elements, systems and techniques. Using case studies, this subject will introduce processes of building from foundation to roof and the key functional requirements of construction detailing.
<b>Objectives:</b>	<ol style="list-style-type: none"> <li>1 Relate basic structural principles to small to medium scale building projects</li> <li>2 Understand a set of architectural contract documents</li> <li>3 Communicate construction proposals by means of sketches, drawings and / or models</li> <li>4 Understand basic construction principles and practices and be able to apply these in architect - designed, medium - scale projects</li> </ol>
<b>Assessment:</b>	Four written and/or graphic submissions (eg - tutorial exercises, class presentations, materials, construction or site reports, construction drawings and models) due from weeks 4 to 10 (totalling 60%) equivalent to a total 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 of 40% must be achieved in the examination in order to pass the subject.
<b>Prescribed Texts:</b>	None
<b>Recommended Texts:</b>	Recommended texts: Edward Allen & Patrick Rand, 2007, Architectural Detailing: Function, Constructibility, Aesthetics, 2nd edn, Hoboken NJ: Wiley (1993)
<b>Breadth Options:</b>	This subject potentially can be taken as a breadth subject component for the following courses: <ul style="list-style-type: none"> <li># <b>Bachelor of Arts</b> (<a href="https://handbook.unimelb.edu.au/view/2009/D09">https://handbook.unimelb.edu.au/view/2009/D09</a>)</li> <li># <b>Bachelor of Biomedicine</b> (<a href="https://handbook.unimelb.edu.au/view/2009/J07">https://handbook.unimelb.edu.au/view/2009/J07</a>)</li> <li># <b>Bachelor of Commerce</b> (<a href="https://handbook.unimelb.edu.au/view/2009/F04">https://handbook.unimelb.edu.au/view/2009/F04</a>)</li> <li># <b>Bachelor of Music</b> (<a href="https://handbook.unimelb.edu.au/view/2009/M05">https://handbook.unimelb.edu.au/view/2009/M05</a>)</li> </ul>

	<p># <b>Bachelor of Science</b> (<a href="https://handbook.unimelb.edu.au/view/2009/R01">https://handbook.unimelb.edu.au/view/2009/R01</a>)</p> <p># <b>Bachelor of Engineering</b> (<a href="https://handbook.unimelb.edu.au/view/2009/355-AA">https://handbook.unimelb.edu.au/view/2009/355-AA</a>)</p> <p>You should visit <b>learn more about breadth subjects</b> (<a href="http://breadth.unimelb.edu.au/breadth/info/index.html">http://breadth.unimelb.edu.au/breadth/info/index.html</a>) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
<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>	<ul style="list-style-type: none"> <li># An ability to apply fundamental science and mathematics to problem - solving</li> <li># An ability to undertake problem identification, formulation and solution</li> <li># An ability to communicate effectively with their peers and the community at large concerning construction matters</li> <li># An expectation of lifelong learning, and a capacity to do so</li> <li># An capacity for independent critical thought, rational inquiry and self- directed learning</li> </ul>
<b>Links to further information:</b>	<a href="http://www.benvs.unimelb.edu.au/">http://www.benvs.unimelb.edu.au/</a>
<b>Related Majors/Minors/ Specialisations:</b>	Architecture