

# ABPL30041 Construction Design

<b>Credit Points:</b>	12.50						
<b>Level:</b>	3 (Undergraduate)						
<b>Dates &amp; Locations:</b>	This subject is not offered in 2014.						
<b>Time Commitment:</b>	Contact Hours: 2x1 hour lecture per week, 1x2 hour tutorial per week. Total Time Commitment: 120 hours						
<b>Prerequisites:</b>	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ABPL20033 Construction Analysis</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>Please note ABPL20033 (702-245) was formerly named Construction Methods.</p>	Subject	Study Period Commencement:	Credit Points:	ABPL20033 Construction Analysis	Semester 2	12.50
Subject	Study Period Commencement:	Credit Points:					
ABPL20033 Construction Analysis	Semester 2	12.50					
<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>Contact:</b>	Email: <a href="mailto:b.gardiner@unimelb.edu.au">b.gardiner@unimelb.edu.au</a> ( <a href="mailto:b.gardiner@unimelb.edu.au">mailto:b.gardiner@unimelb.edu.au</a> )						
<b>Subject Overview:</b>	This subject articulates and tests the idea of construction as a process requiring cultural and technical choices. While Construction Analysis focuses on the internal mechanics of building systems, Construction Design moves from the analysis of specific architectural ideas to arrive at the evaluation and selection of implementation alternatives. Mixing built examples and project proposals, students will be shown how to identify, evaluate and engage with the technological underpinnings of architecture.						
<b>Learning Outcomes:</b>	<p>The objectives of the class are as follows:</p> <ul style="list-style-type: none"> <li># to connect building conception and building implementation;</li> <li># to relate construction solutions to design intent and industrial context;</li> <li># to develop a problem-based appreciation of systems' integration;</li> <li># to help understand ad-hoc requirements of technical representations.</li> </ul>						
<b>Assessment:</b>	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 (totalling 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 of 40% must be achieved in the examination in order to pass the subject.						
<b>Prescribed Texts:</b>	None						
<b>Breadth Options:</b>	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> <li># <b>Bachelor of Arts</b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-ARTS">https://handbook.unimelb.edu.au/view/2014/B-ARTS</a>)</li> <li># <b>Bachelor of Biomedicine</b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-BMED">https://handbook.unimelb.edu.au/view/2014/B-BMED</a>)</li> </ul>						

	<p># <b><u>Bachelor of Commerce</u></b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-COM">https://handbook.unimelb.edu.au/view/2014/B-COM</a>)</p> <p># <b><u>Bachelor of Environments</u></b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-ENVS">https://handbook.unimelb.edu.au/view/2014/B-ENVS</a>)</p> <p># <b><u>Bachelor of Music</u></b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-MUS">https://handbook.unimelb.edu.au/view/2014/B-MUS</a>)</p> <p># <b><u>Bachelor of Science</u></b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-SCI">https://handbook.unimelb.edu.au/view/2014/B-SCI</a>)</p> <p># <b><u>Bachelor of Engineering</u></b> (<a href="https://handbook.unimelb.edu.au/view/2014/B-ENG">https://handbook.unimelb.edu.au/view/2014/B-ENG</a>)</p> <p>You should visit <b><u>learn more about breadth subjects</u></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># Ability to identify and intervene on the logics of construction.</li> <li># Ability to communicate with peers and the community at large concerning construction strategies.</li> <li># Ability to select materials and systems coherently to achieve explicit objectives.</li> <li># Ability to select and work with technological types suitable to building scale and function.</li> <li># Ability to identify the need for specific knowledge and to obtain that knowledge.</li> </ul>
<b>Related Majors/Minors/ Specialisations:</b>	<p>Architecture major          Civil (Engineering) Systems major          Construction major          Environments Discipline subjects          Restrictions for Breadth Options within the Bachelor of Environments - relating to specific majors</p>