

## ABPL20051 Construction Industry Studies - Property

<b>Credit Points:</b>	12.5								
<b>Level:</b>	2 (Undergraduate)								
<b>Dates &amp; Locations:</b>	2016, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.								
<b>Time Commitment:</b>	Contact Hours: Lecture 2 hours per week, Tutorial 2 hours per week Total Time Commitment: 170 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>ENVS10003 Constructing Environments</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	ENVS10003 Constructing Environments	Semester 1, Semester 2	12.50
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ENVS10003 Constructing Environments	Semester 1, 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>Coordinator:</b>	Mr Dermot Mcgeown								
<b>Contact:</b>	<p><b><a href="mailto:dmcgeown@unimelb.edu.au">dmcgeown@unimelb.edu.au</a> (<a href="mailto:dmcgeown@unimelb.edu.au">mailto:dmcgeown@unimelb.edu.au</a>)</b>  The Eastern Precinct (building 138)  (between Doug McDonnell building and Eastern Resource Centre)  <b>Enquiries:</b>  Current Student Enquires: <a href="http://ask.unimelb.edu.au/">http://ask.unimelb.edu.au/</a> (<a href="http://ask.unimelb.edu.au/">http://ask.unimelb.edu.au/</a>)  Web: <a href="http://edsc.unimelb.edu.au/">http://edsc.unimelb.edu.au/</a> (<a href="http://edsc.unimelb.edu.au/">http://edsc.unimelb.edu.au/</a>)</p>								
<b>Subject Overview:</b>	<p>Modern-day, sophisticated property professionals, in their roles as key advisers, developers or investors, are required to lead and / or act in close collaboration with a wide range of other professionals in the analysis and management of property development and property investment projects. Professional property practitioners need to gain a strong understanding of the principles, processes and systems associated with the design and construction of buildings. Construction is, effectively, the largest cost element in a property's lifecycle, is a source of considerable risk, and its project management is of major importance.</p> <p>This subject provides an introduction to that strategic knowledge. It discusses, for instance, residential low rise construction e.g. individual house-dwellings, master planned communities, and, commercial and industrial construction systems e.g. medium and high density residential, offices, warehouses, shopping centres, by providing a broad overview on the materials utilised, construction methods, the management of the construction process and the roles of the other professional that, as a team, deliver project.</p> <p>The various design concepts and structural systems currently used are discussed with an emphasis on how those building features affect the use and cost of construction and, thereby, the value of a property. The selection of materials, its application and performance are</p>								

	<p>incorporated throughout the subject, leading to an awareness of building performance and maintenance, which also impact on property performance, profitability and value.</p> <p>The subject describes and emphasises the indelible links between the market's demand for property, financial feasibility of projects, the design response, the methods, systems and cost of construction and their combined effect on property values.</p> <p>This subject, will the delivered in a series of weekly lectures, tutorials and a number of visits to construction sites.</p>
<b>Learning Outcomes:</b>	<p>This subject intends to provide a broad introduction to construction concepts for property major students in the Bachelor of Environments degree.</p> <p>Upon completion of this subject students should be able to:</p> <ul style="list-style-type: none"> <li># link basic design concepts with current construction practices through discussion in lectures and tutorials and visits to live construction projects;</li> <li># appreciate the factors affecting the choice of structural systems, and the choice of construction materials taking into account matters such as construction cost comparison, time / program constraints, analysis of the site including site access, client requirements, the construction and property marketplace including material and technology constraints;</li> <li># read and interpret construction drawings;</li> <li># understand a variety of project types and the broad construction and structural methods engaged to construct them through discussion in lectures and tutorials, guest speakers from industry and visits to live construction sites;</li> <li># comprehend the indelible links between market demand for property, financial feasibility of projects, the design response, property valuation, the methods, systems and cost of construction and their combined effect on property values through examination of the drivers of market supply and demand, elements of feasibility studies, presented in lectures and tutorials, guest speakers from industry and visits to live property development projects under construction.</li> </ul>
<b>Assessment:</b>	<p>Assignment 1: Project Report, Individual Assessment (15%) requiring approximately 15 to 20 hours of work not exceeding 1000 words per student; Assignment 2: Project report, Group Assessment (15%) requiring approximately 15 to 20 hours of work not (exceeding 1000 words per student); Assignment 3: Project Report, Group Assessment (40%) requiring approximately 45 to 55 hours of work not (exceeding 2500 words per student); In Lecture Testing (20%) requiring approximately 30 to 35 hours of work Attendance at and participation in tutorials including all site visits. Examples of participation include individual and group analysis of construction and property related matters in preparation of project reports (10%). Note that group assignments are carried out on the basis of students forming groups of four (4) students. Hurdle requirement: Completion of all pieces of assessment is a hurdle requirement. Note that minimum 80% attendance at tutorials is also a hurdle requirement.</p>
<b>Prescribed Texts:</b>	<p>R. Barry (1999), The Construction of Buildings, Vol. 1, Ed. 7, Wiley-Blackwell. G. Wilkie (2003), Building Your Own Home, New Holland. "Your Home" – Technical Manual (4th edition). Department of Climate Change and Energy Efficiency. Subject Reader</p>
<b>Breadth Options:</b>	<p>This subject is not available as a breadth subject.</p>
<b>Fees Information:</b>	<p>Subject EFTSL, Level, Discipline &amp; Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a></p>
<b>Generic Skills:</b>	<p>The following generic skills will be developed in this subject:</p> <ul style="list-style-type: none"> <li># Analytical skills</li> <li># Problem solving skills</li> <li># Drawing reading skills</li> <li># Research skills</li> </ul>
<b>Related Majors/Minors/Specialisations:</b>	<p>Environments Discipline subjects Property major</p>
<b>Related Breadth Track(s):</b>	<p>Property</p>