

<b>Unit Title</b>	Design 103 - Integrated Design Project
<b>Level</b>	Level 4
<b>Reference No. (showing Level)</b>	EBB_4_503
<b>Credit Value</b>	20 Credit Points
<b>Student Study Hours</b>	Total Learning Hours: 200 hours Contact Hours: 90 hours Reviews: 12 hours Student managed learning : 98
<b>Pre-requisite learning</b>	None
<b>Co-requisites</b>	None
<b>Excluded Combinations</b>	None
<b>Unit Co-ordinator</b>	Carla James
<b>Faculty/Department</b>	FESBE/Department of Built Environment
<b>Subject Area</b>	Architecture
<b>Short Description</b>	This unit integrates knowledge and understanding gained through other units in the year within an architectural design project of increased contextual awareness and organisational complexity.
<b>Aims</b>	The aim of this unit is to convey the comprehensive nature of architectural design and initiate the development of an individual design methodology by integrating the analysis of site and context, understanding of precedent, and application of specific skills in design, technology and visual communication.
<b>Learning Outcomes</b>	Upon completion of this unit students will have developed: <ol style="list-style-type: none"> <li>1) The ability to generate a design concept and formulate a design approach informed by research and analysis of site, context and precedent</li> <li>2) The ability to integrate building technology in architectural design</li> <li>3) The ability to visually communicate, in 2 and 3 dimensions, a coherent and comprehensive response to a complex building brief</li> </ol>
<b>Teaching &amp; Learning pattern</b>	This unit is a studio based design project unit which will be taught primarily in the design studio using a range of supporting lectures, workshops, seminars, design tutorials and reviews. Some project related work will be undertaken in groups.
<b>Indicative Content</b>	Students undertake the design of a small building within a specified context, with a mix of public and private use, internal and external spaces, with full integration of their knowledge of structural and environmental building technology. All stages of the design process are documented and communicated using both two- and three-dimensional techniques of representation. Resultant design portfolios and accompanying sketch notebooks are used to evidence continuous engagement in the development of an iterative design process, as well as a fully integrated building proposal.
<b>Assessments Elements and Weightings</b>	Design portfolio (including sketch notebook, models and digital media as appropriate) Weighting: 100%
<b>Mapping Against RIBA/ARB Criteria</b>	GC1.1, 2 and 3, GC2. 1, 2 and 3, GC3.1,2 and 3, GC4.1, 2 and 3, GC5.1,2 and 3, GC6.3, GC7.1, 2 and 3, GC8.1,2 and 3, GC9.1,2 and 3. GA1.1, GA1.2, GA1.3 and GA1.4.
<b>Indicative Sources</b>	David Littlefield (2007) <i>The New Metric Handbook</i> ,(2005) Baden Powell (2008) <i>The Architects Pocketbook</i> (Arch Press) Scott Maclean <i>The Penguin Dictionary of Building</i> (Penguin 2004) (2004) JS Curl ((1999) <i>Dictionary of Architecture</i> (Oxford University Press) <i>The House Book</i> (Phaidon Press 2004) Colin Davies 2006) <i>Key Houses of the 20<sup>th</sup> Century</i> (Lawrence King)

	<p>Spiro Kostof (1999) <i>The City Shaped</i> (Thames and Hudson)</p> <p>Peter Ackroyd (2001) <i>London the Biography</i> (Vintage)</p> <p>Andreas Deplazes (2008) <i>Constructing Architecture: Materials, Processes, Structures; A Handbook</i> (Birkhauser Verlag)</p> <p>Architectural Magazines: The Architectural Review, Architectural Design, RIBA Journal, A+U, The Architect's Journal.</p>
<b>Attendance</b>	<p>Studio, lectures, workshops and seminars: min 80%</p> <p>Crits and reviews: 100%</p>