



COURSE NAME	COURSE AUDIENCE	COURSE OVERVIEW & LEARNING OUTCOMES	ASSESSMENT QUESTIONS	CPD POINTS/DURATION
Systems Thinking in Residential Design	Architect Builder Building Surveyor Building Designer Engineer Plumber	<p>This course is provided under licence from the Green Building Council of Australia (GBCA). For more information on the GBCA see http://new.gbca.org.au/</p> <p>Systems Thinking is a method to understand how things (elements and systems) are related, and how they influence one another within a whole. Applying it to building design allows us to see the big picture of how the building will perform in operation, when all of these various elements (site design, construction materials, appliances, PV and storage, use monitoring, etc) work together</p> <p>Understanding the complex relationships between elements of the building allows designers to develop sustainable and energy efficient buildings, that are comfortable and cost effective to live in.</p> <p>This course covers the theory behind and tools to achieve this “Systems Thinking”, and case studies demonstrate successful energy efficiency design and delivery. The course includes:</p> <ol style="list-style-type: none"> 1. Understand Systems Thinking 2. Understand some of the barriers 3. How to apply a systems approach 4. Becoming aware of new materials, building systems and technologies. 5. Case studies from Australia's most sustainable homes where systems thinking has worked well. <p>Our target audiences are:</p>	<p>A series of online closed questions that are auto marked; questions are directly related to the learning material covered in the course.</p> <p>Participants are required to achieve a pass rate of 80% to successfully complete the course.</p> <p>The course allows up to three (3) attempts to successfully complete all the assessment questions. Participants will be sent a CPD certificate by email upon successful completion of the course materials and assessment process</p>	1 CPD point / 1 Hour



		<ol style="list-style-type: none">1. Design, Building and Trade Professionals2. Construction Site and Contract Coordinators3. Regulatory Professionals, Surveyors and Certifiers. <p>This module was developed by the Green Building Council of Australia as part of the Cross-Industry Skills Training Project - supported by funding from the COAG Energy Council National Energy Productivity Plan through a project managed by the Government of South Australia.</p>		
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