

Attributes/Objectives	Learning Outcomes On completion of this course participants should be able to:
<b>To understand</b> <ul style="list-style-type: none"> <li>• To have relevant, discipline-based knowledge, skills and values</li> <li>• To be able to apply and evaluate knowledge</li> </ul>	<ul style="list-style-type: none"> <li>• Understand the role of materials selection and how it fits into the holistic nature of building design.</li> <li>• Understand how to make value-based decisions as it relates to sustainability.</li> <li>• Evaluate and apply the philosophies that underpin the allocation of priorities in materials selection and building design.</li> </ul>
<b>To think</b> <ul style="list-style-type: none"> <li>• To value and respect reason</li> <li>• To be able to reason competently</li> </ul>	<ul style="list-style-type: none"> <li>• Recognise a range of contrasting opinions and how these relate to issues surrounding materials selection and building design.</li> <li>• Critically compare, contrast and analyse information from a range of sources.</li> <li>• Construct and deconstruct knowledge about materials selection and building design.</li> <li>• Synthesise knowledge and tools provided in order to make informed decisions.</li> </ul>
<b>To learn</b> <ul style="list-style-type: none"> <li>• To be self-aware, independent learners</li> <li>• To be able to collect, organise, analyse, evaluate and use information in a range of contexts</li> </ul>	<ul style="list-style-type: none"> <li>• Collect and analyse information and how it relates to materials selection.</li> <li>• Apply information to decision making and design processes.</li> <li>• Create individualised frameworks for the evaluation of materials and building design.</li> </ul>
<b>To interact</b> <ul style="list-style-type: none"> <li>• To be able to interrelate and collaborate</li> <li>• To value and respect difference and diversity</li> </ul>	<ul style="list-style-type: none"> <li>• Interact and work constructively as effective group members.</li> <li>• Appreciate and respect different values, worldviews and ways of knowing.</li> <li>• Collaborate with stakeholders in development and design processes.</li> </ul>
<b>To communicate</b> <ul style="list-style-type: none"> <li>• To speak, listen and write competently</li> <li>• To be competent users of information and communication technologies</li> </ul>	<ul style="list-style-type: none"> <li>• Present insights and innovations as a member of a group and to an audience.</li> <li>• Prepare and present an oral presentation with visual aides to an audience.</li> <li>• Utilise online resources to assist in evaluation, decision making, design, and selection processes.</li> <li>• Prepare and submit examples and logical arguments that contribute to appropriate resource selection and use.</li> </ul>
<b>To initiate</b> <ul style="list-style-type: none"> <li>• To be constructive and creative</li> <li>• To be enterprising</li> </ul>	<ul style="list-style-type: none"> <li>• Develop and utilise a structure for research and selection processes.</li> <li>• Initiate and integrate selection systems into design processes.</li> </ul>
<b>To value</b> <ul style="list-style-type: none"> <li>• To have self-respect and a sense of personal agency</li> <li>• To have a sense of personal and social responsibility</li> <li>• To understand and apply ethical professional practices</li> </ul>	<ul style="list-style-type: none"> <li>• Understand individual responsibility and the role that materials selection plays in design, specification and construction.</li> <li>• Take responsibility for informed choices.</li> <li>• Apply professional judgment to assist in the stewardship of sustainability principles.</li> </ul>