SAMPLE ASSESSMENT OUTLINE

BUILDING AND CONSTRUCTION
GENERAL YEAR 11
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## Sample assessment outline
### Building and Construction – General Year 11

#### Unit 1

<table>
<thead>
<tr>
<th>Assessment type and weighting</th>
<th>Assessment task weighting</th>
<th>Duration</th>
<th>Assessment task</th>
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</table>
| Design 20%                    | 3%                        | Term 1 Weeks 2–4 | **Task 2:** Drafting exercises  
Complete a range of practical and theoretical exercises which demonstrate knowledge of building industry processes  
• drafting exercises  
• planning and theory exercises |
|                               | 5%                        | Term 1 Weeks 4–6 | **Task 3 Part A:** Residential backyard design project  
Design a scale model of a residential backyard  
OR  
Complete a design for a personal project that links relevant skills learnt |
|                               | 2%                        | Week 8 | **Task 3 Part C:**  
Evaluate finished scale model of a residential backyard design |
|                               | 3%                        | Term 3 Weeks 2–3 | **Task 7:** Drafting exercises  
Complete a range of theoretical and practical activities that require students to gain experience in the drafting field. These activities introduce orthogonal, geometry; plan reading and scaling:  
• read and draw plans utilising fundamentals of practical geometry with orthogonal projection  
• estimate quantities  
• apply appropriate scaling of drawings  
• operate levelling equipment  
• recognise industry specific conventions  
• use building and construction terminology. |
|                               | 5%                        | Term 3 Weeks 4–6 | **Task 8 Part A:** Integrated materials fabrication design project  
Design a project that uses a combination of materials from the syllabus  
OR  
Complete a design for a personal project that links together skills learnt. Design processes:  
• investigate different design ideas, structures and components  
• use ICT and manual presentation skills  
• devise similar design ideas using annotated graphics and sketches |
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<td></td>
<td><strong>Part A:</strong> Building exercises</td>
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<td>Bricklaying and brick paving</td>
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<td>Production 70%</td>
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<td><strong>Part B:</strong> Construction exercises</td>
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<td>Complete a range of practical and theoretical exercises incorporating a spectrum of construction materials processes and techniques.</td>
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<td><strong>Part C:</strong> Fabrication exercises (welding)</td>
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<td>• identify and apply occupational safety and health (OSH) rules and regulations relating to the use of materials and processes</td>
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<td>• complete welding fabrication exercises</td>
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<td><strong>Part C:</strong> Fabrication exercises (MIG welding)</td>
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<td>• complete welding fabrication exercises from the following using light sheet metal and heavy plate/pipe</td>
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**Task 8 Part C:** Evaluate finished materials fabrication design project.

**Task 3 Part B:** Construct a scale model of a residential backyard design.

**Task 5 Part A:** Building exercises

**Task 5 Part B:** Construction exercises

**Task 5 Part C:** Fabrication exercises (welding)

**Task 8 Part B:** Construction of integrated materials fabrication design project

**Task 9 Part A:** Building exercises

**Task 9 Part B:** Construction exercises

**Task 9 Part C:** Fabrication exercises (MIG welding)
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| Response 10%                  | 2%                       | Term 1 Weeks 1−2 | **Task 1:** Safety in the workshop, rules and regulations  
This task is compulsory and is to be completed prior to attempting any practical work.  
Activities:  
- watch safety video  
- general safety aspects of workshop practice  
- complete Smartmove General module  
- complete Building and Construction Smartmove certificate. |
|                              | 3%                       | Term 1 Weeks 8−9 | **Task 4:** Environment and sustainability  
Assignment: sustainable practices in building and construction  
Systems: Environment and sustainability  
- ways for sustainable practices in building and construction  
- types of environmentally friendly alternatives in methods of building and construction. |
|                              | 2%                       | Term 3 Week 1   | **Task 6:** Revisit and re-enforce safety in the workshop  
This task is compulsory and is to be completed prior to attempting any practical work. |
|                              | 3%                       | Term 4 Weeks 5−6 | **Task 10:** Structures and services  
Assignment: identify methods to provide on-site water supply, drainage and sewerage provision. |

100% 100%