



SAMPLE ASSESSMENT OUTLINE

BUILDING AND CONSTRUCTION
GENERAL YEAR 11

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Sample assessment outline

Building and Construction – General Year 11

Unit 1 and Unit 2

Assessment type and weighting	Assessment task weighting	Duration	Assessment task
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 <ul style="list-style-type: none"> • 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%	Term 1 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 projection and practical geometry; plan reading and scaling: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • investigate different design ideas, structures and components • use ICT and manual presentation skills • devise similar design ideas using annotated graphics and sketches

Assessment type and weighting	Assessment task weighting	Duration	Assessment task
			<ul style="list-style-type: none"> review the design's suitability against design needs, including investigation of construction methods generate suitable 2D drawings with conventions for designed solution manage production of a solution, including a simple sequence of manufacture
	2%	Term 4 Week 8	Task 8 Part C: Evaluate finished materials fabrication design project
Production 70%	8%	Term 1 Weeks 6–8	Task 3 Part B: Construct a scale model of a residential backyard design OR Complete construction of a personal project that links together skills learnt
	10%	Term 2 Weeks 1–8	Task 5 Part A: Building exercises – bricklaying and brick paving
	10%	Term 2 Weeks 1–8	Task 5 Part B: Construction exercises – complete a range of practical and theoretical exercises incorporating a spectrum of construction materials processes and techniques
	8%	Term 2 Weeks 1–8	Task 5 Part C: Fabrication exercises – welding <ul style="list-style-type: none"> identify and apply occupational safety and health (OSH) rules and regulations relating to the use of materials and processes complete welding fabrication exercises
	7%	Term 3 Weeks 7–10	Task 8 Part B: Construction of integrated materials fabrication design project Construct the design project combining different materials OR Complete construction of a personal project that links together skills learnt
	10%	Term 4 Weeks 1–7	Task 9 Part A: Building exercises – brick paving and bricklaying
	10%	Term 4 Weeks 1–7	Task 9 Part B: Construction exercises – complete a range of practical and theoretical exercises incorporating a spectrum of construction materials processes and techniques
	7%	Term 4 Weeks 1–7	Task 9 Part C: Fabrication exercises – MIG welding <ul style="list-style-type: none"> identify and apply occupational safety and health (OSH) rules and regulations relating to the use of materials and processes complete welding fabrication exercises from the following using light sheet metal and heavy plate/pipe

Assessment type and weighting	Assessment task weighting	Duration	Assessment task
Response 10%	2%	Term 1 Weeks 1–2	<p>Task 1: Safety in the workshop, rules and regulations</p> <p>This task is compulsory and is to be completed prior to attempting any practical work</p> <p>Activities:</p> <ul style="list-style-type: none"> • 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	<p>Task 4 Part A: Assignment: sustainable practices in building and construction</p> <p>List and comment on:</p> <ul style="list-style-type: none"> • ways for sustainable practices in building and construction • types of environmentally friendly alternatives in methods of building and construction
		Term 2 Weeks 9–10	<p>Task 4 Part B: Assignment: structure and components, and on-site services</p> <p>List and comment on:</p> <ul style="list-style-type: none"> • common building site structures and structural components • methods of supplying on-site common services
	2%	Term 3 Week 1	<p>Task 6: Revisit and reinforce safety in the workshop</p> <p>This task is to be completed prior to attempting any practical work</p>
	3%	Term 4 Weeks 8–10 Weeks 8–10	<p>Task 10 Part A: Structures and services</p> <p>Assignment: identify methods to provide on-site water supply, drainage and sewerage</p> <p>Task 10 Part B: Listing and examples of influences of culture on buildings and architecture</p>
100%	100%		