



Year 11

INDUSTRIAL SKILLS

	Unit	Start/Length	Topics/Concepts/Skills/Inquiry	Assessment	Checkpoints	Due Date
Term 1	1	9 weeks	In this unit, students demonstrate sheet metal working fundamental ways of working. They use tools, machinery and equipment safely and recognise that products are manufactured, maintained and repaired using drawings and technical information that detail the expected quality standards of the final product, e.g. size, type and grade of metal, tolerances, fits, finish and joints. Students evaluate, make decisions about and adapt production plans, processes and products with the knowledge that the quality of products depends on customer expectations of value, which affects industry production processes.	Practical Demonstration and documentation BILLY CAN	CP1 – week 3 CP2 – week 6	Practical Demonstration and documentation 26/03/25
	1	9 weeks	In this unit, students demonstrate sheet metal working fundamental ways of working. They use tools, machinery and equipment safely and recognise that products are manufactured, maintained and repaired using drawings and technical information that detail the expected quality standards of the final product, e.g. size, type and grade of metal, tolerances, fits, finish and joints. Students evaluate, make decisions about and adapt production plans, processes and products with the knowledge that the quality of products depends on customer expectations of value, which affects industry production processes.	Project and documentation TOOL BOX	CP1 – week 3 CP2 – week 6	Project and documentation 20/06/25
Term 2	1	9 weeks	In this unit, students demonstrate sheet metal working fundamental ways of working. They use tools, machinery and equipment safely and recognise that products are manufactured, maintained and repaired using drawings and technical information that detail the expected quality standards of the final product, e.g. size, type and grade of metal, tolerances, fits, finish and joints. Students evaluate, make decisions about and adapt production plans, processes and products with the knowledge that the quality of products depends on customer expectations of value, which affects industry production processes.	Project and documentation TOOL BOX	CP1 – week 3 CP2 – week 6	Project and documentation 20/06/25
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Term 3	2	9 weeks (Total)	In this unit, students demonstrate the domestic furniture industry's fundamental ways of working. They use tools, machinery and equipment safely and recognise that domestic furniture industry products are manufactured, maintained and repaired to a specified quality using a combination of job, batch and mass manufacturing methods. Students demonstrate through practical learning experiences that the expected quality standards of the end product are maintained by a range of quality assurance processes, including jigs and fixtures, gauges and production checks. Students evaluate, make decisions about and adapt job, batch and mass production plans, skills and procedures, and products with the knowledge that the quality of end products depends on customer expectations of value, which affects the domestic furniture industry's application and use of particular production processes and manufacturing methods.	Practical Demonstration and documentation CLOCK	CP1 – week 3 CP2 – week 6	Practical Demonstration and documentation 12/09/25
	2	9 weeks (Total)	In this unit, students demonstrate the domestic furniture industry's fundamental ways of working. They use tools, machinery and equipment safely and recognise that domestic furniture industry products are manufactured, maintained and repaired to a specified quality using a combination of job, batch and mass manufacturing methods. Students demonstrate through practical learning experiences that the expected quality standards of the end product are maintained by a range of quality assurance processes, including jigs and fixtures, gauges and production checks. Students evaluate, make decisions about and adapt job, batch and mass production plans, skills and procedures, and products with the knowledge that the quality of end products depends on customer expectations of value, which affects the domestic furniture industry's application and use of particular production processes and manufacturing methods.	Practical Demonstration and documentation CLOCK	CP1 – week 3 CP2 – week 6	Practical Demonstration and documentation 12/09/25
Term 4	2	7 weeks (Total)	In this unit, students demonstrate the domestic furniture industry's fundamental ways of working. They use tools, machinery and equipment safely and recognise that domestic furniture industry products are manufactured, maintained and repaired to a specified quality using a combination of job, batch and mass manufacturing methods. Students demonstrate through practical learning experiences that the expected quality standards of the end product are maintained by a range of quality assurance processes, including jigs and fixtures, gauges and production checks. Students evaluate, make decisions about and adapt job, batch and mass production plans, skills and procedures, and products with the knowledge that the quality of end products depends on customer expectations of value, which affects the domestic furniture industry's application and use of particular production processes and manufacturing methods.	Project and documentation HALLWAY BENCH	CP1 – week 3 CP2 – week 6	Project and documentation 21/11/25
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