



<b>DURATION OF SUBJECT</b>	ONE SEMESTER IN YEAR 8 & ONE SEMESTER IN YEAR 9	<b>FINANCIAL COMMITMENT</b>	NIL
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**COURSE OVERVIEW**

Metal Technology involves the design and manufacture of products, industrial systems and graphical representations focusing on the metal and plastic industries. Metal Technology will focus on the creation, development and communication of concepts and specifications for products, with references to the procedures and techniques used to combine and process materials, and organise and control systems into useful products. In short, students use metal and plastic materials to produce a product.

**COURSE CONTENT**

UNIT 1 – YEAR 8	UNIT 2– YEAR 8	UNIT 1– YEAR 9	UNIT 2– YEAR 9
<b>Dozer And Display Case</b>	<b>Seamed Hardware Container</b>	<b>Garden Weeder</b>	<b>Landing Net</b>
<b>ASSESSMENT</b>	<b>ASSESSMENT</b>	<b>ASSESSMENT</b>	<b>ASSESSMENT</b>
Students manage production techniques and skills to document and use workshop knowledge to manage the manufacture of a model bulldozer and presentation case.	Students independently and safely produce effective designed solutions for the manufacture of a seamed hardware container.	Students manage production techniques and skills to document and use workshop knowledge to manage the manufacture of a Garden Weeder	Students manage production techniques and skills to document and use workshop knowledge to manage the manufacture of a Landing Net

**COURSE REQUIREMENTS**

By the end of Year 10 students will have had the opportunity to design and produce at least four designed solutions focused on one or more of the five technologies contexts content descriptions.

There is one optional content description for each of the following:

- Engineering principles and systems
- Food and fibre production
- Food specialisations and
- Materials and technologies specialisations.

There is an additional open content description to provide flexibility and choice. Students should have opportunities to experience creating designed solutions for products, services and environments.

Safety is an aspect of the course, which is considered of great importance as it involves all workshop users. Students are required to wear closed in leather shoes of strong construction. Long hair must be tied back and the behaviour of students in the workshop is to be of a safe manner at all times. Safety glasses are to be worn at all times in the workshop.

**CAREER PATHWAYS**

A course of study in Metal Technology can establish a basis for further education and employment in engineering trades. With additional training and experience, potential employment opportunities may be found, for example, as a sheet metal worker, metal fabricator, welder, maintenance fitter, metal machinist, locksmith, air-conditioning mechanic, refrigeration mechanic or automotive mechanic.

**INTERNET LINKS**

- | [Construction Skills Queensland](#)
- | [Ai Group - Apprenticeships and Traineeships](#)

