



# CABOILTURE

## STATE HIGH SCHOOL

*Making the difference today ... for tomorrow*

YEAR 8

### METAL TECHNOLOGY

<b>DURATION OF SUBJECT</b>	ONE SEMESTER
<b>FINANCIAL COMMITMENT</b>	REFER TO FEE SCHEDULE
<b>COURSE REQUIREMENTS</b>	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. Parental permission is required for high or extreme risk activities.
<b>COURSE CONTENT</b>	
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.	
<b>UNIT 1</b>	<b>ASSESSMENT</b>
Dozer and Display Case	Students manage production techniques and skills to document and use workshop knowledge to manage the manufacture of a model bulldozer and presentation case.
<b>UNIT 2</b>	<b>ASSESSMENT</b>
Seamed Hardware Container	Students independently and safely produce effective designed solutions for the manufacture of a sheet metal clock design.
<b>CAREER PATHWAYS</b>	
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.	
<b>FIND OUT MORE</b>	
	<a href="#">Construction Skills Queensland</a> <a href="#">Ai Group - Apprenticeships and Traineeships</a>