



INCOMPATIBLE SUBJECTS	NIL	DEPENDENT SUBJECTS	
PRE-REQUISITE SUBJECTS	JUNIOR ITD SUBJECTS ARE BENEFICIAL	POTENTIAL QCE POINTS	
COURSE DURATION	ONE YEAR	CONTRIBUTES TO ATAR	
FINANCIAL COMMITMENT	REFER TO FEE SCHEDULE	DELIVERY PARTNERSHIP	

COURSE REQUIREMENTS	<p>Students are required to complete four (4) units of work throughout the year.</p> <p>Safety is a major component of all activities in the course, which requires appropriate safety equipment to be used at all times (determined by the activity).</p> <p>Safety glasses are provided for the student to use. Black leather shoes (as per Student Handbook) are required.</p>
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COURSE OVERVIEW

Engineering focuses on the underpinning industry practices and production processes required to create, maintain and repair predominantly metal products in the engineering manufacturing industry.

Students understand industry practices, interpret specifications, including technical information and drawings, demonstrate and apply safe and practical production processes with hand/power tools and machinery, communicate using oral, written and graphical modes, organise, calculate and plan production processes and evaluate the products they create using predefined specifications.

Students develop transferable skills by engaging in manufacturing tasks that relate to business and industry, and that promote adaptable, competent, self-motivated and safe individuals who can work with colleagues to solve problems and complete practical work.

COURSE CONTENT

UNIT 1	ASSESSMENT
The Engineering industry – Introduction to safety, production and product quality	Esky
UNIT 2	ASSESSMENT
Communication and teamwork in an engineering enterprise	Chest of Draws
UNIT 3	ASSESSMENT
Welding and fabrication enterprise	Sash Cramp
UNIT 4	ASSESSMENT
Working cooperatively in engineering workplaces	BBQ Tool

CAREER PATHWAYS

A course of study in Engineering 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.

FIND OUT MORE

[Construction Skills Queensland](#)

[Ai Group - Apprenticeships and Traineeships](#)

[Housing Industry Australia](#)