



Certificate II in Engineering

The manufacturing and engineering industry is one of largest employers in Australia, covering a wide range of industry sectors and jobs. Like many industries in Australia, the manufacturing industry is experiencing large numbers of the workforce retiring and not enough young people joining it. There are many career opportunities waiting for you, most requiring a qualification of some sort (e.g. TAFE, university, apprenticeship or traineeship). The Engineering program incorporates theory and practical based modules with a work placement component that allows you to gain valuable work readiness and real world skills.

The Engineering program will provide you with a taste of the varied manufacturing and engineering career possibilities as well as information and skills to help your with your future education, training and employment.

RTO Holmesglen

Time | Venue

Cheltenham Secondary College, Room T7, Bernard Street, Cheltenham

First Year	Wednesday	8.00am – Midday
Second Year	Wednesday	Midday to 4pm

Duration 2 years

Work placement

80 hours / 10 days

5 days during Term 3 school holidays, 5 days for the first five Wednesdays of Term 4.

Selection Criteria

Information session will be held in Term 4, 2011

Sample Program Outline

- Machining
- Fabrication
- Computers in engineering
- Engineering maths
- Hand and Power Tools
- Electro technology principles
- Engineering drawings
- Plan the manufacture of components
- Handle engineering materials
- Manufacture components
- Cutting, grinding and turning
- Career planning

Materials

Overalls, steel cap boots and safety glasses.

Basic stationery is required for written components

Contribution

VCAL counts towards Industry Related Skills strand

VCE eligible for credit of up to four VCE VET Units – Units 1-4 and a study score contributing to the ATAR

Future Employment Opportunities

Mechanical Fabrication, Automotive Engineer, Metal Trades Assistant, Tool Maker, Mechanical Engineer, CNC Operator.