Partnerships for Learning

Metals and Engineering Pathways

Certificate II in Engineering (Partial)

Course Description

This pathways program is designed to give prospective apprentices an insight into the engineering field. In this course, students can develop industry standard skills in using a range of components, accessories, materials, tools, equipment and technologies. The foundation units are nationally accredited competencies.

Benefits for students

- Will acquire skills to be 'work ready'
- Will be valuable members of any organisation
- Comprehensive work placement program

Pre-Course Experiences/Pre-requisites

No pre-requisites to study this qualification, however, suitable for students:

- In year 11 and 12
- Have a passion for being part of the Engineering and Welding Industry

Structured Work Placement

Students undertake work placement in industry off site. They are assessed on-the-job and this forms part of the student's Vocational Education and Training assessment requirements in completing the competencies required for the certificate.

Course Code: MEM20105 – RTO: Training Prospects - 40053

- MEM13014A Apply principles of WHS in an engineering related environment
- MEM12024A Perform computations
- MEM14004A Plan to undertake a routine task
- MEM15002A Apply quality systems
- MEM15024A Apply quality procedures
- MEM16007A Work with others in a manufacturing, engineering or related environment
- MEM12023A Perform engineering measurements
- MEM18001C Use hand tools
- MEM05005B Carry out mechanical cutting
- MEM11011B Undertake manual handling
- MEM16006A Organise and communicate information
- MEM16008A Interact with computing technology

Special Requirements

Dress Code/Extra Clothing Required/Equipment:

- Long-sleeve high visibility work shirt
- Long work pants (e.g. Yakka)
- Steel capped boots

This clothing is compulsory on work placement and within the workshop.

Career Pathways

- RTO Certificates within the Trades
- School Based Apprenticeships and Traineeships
- Apprenticeships
- University Engineering and Manufacturing Degrees

Commencement Date: Term 1, Week 3
Length of Course: Full Year
Day: Thursday
Time: 8.30am to 3.30pm
Class Size: Min: 10 to Max: 16
Nominal Hours: 220
SACE Credits: Stage 1 – 30
Cost (Per student): $2,350
TGSS approved course 'subject to work ready confirmation'

An appointment with the VET Coordinator or Counsellor in your school is required to enrol in this course.

Please Note: to the knowledge of the school providing this NEVO VET Course, information is correct at the time of publication.