Engineering (Thebarton Senior College)

Course Title: Engineering

Region: Western Adelaide Secondary Schools Network

Host Organisation: Thebarton Senior College

Course Length: 2 semesters (1 year)

Course Description: This certificate is designed to appeal to students wishing to pursue a career in metal trades, manufacturing and related industries, including mining and infrastructure. Workplace Health and Safety will be a major focus of all work undertaken. Students will use a wide range of metal engineering equipment in a modern, well equipped workshop environment.

The qualification packaging for Certificate II Engineering has been developed on an assumption that competency will be developed through a combination of on and off-the-job learning strategies such as those delivered through a formal traineeship. The qualification may also be achieved through formal skills recognition assessment processes (RPL/RCC). A minimum 30 points is required to achieve the qualification and must include all mandatory units of competency. The competency is a general qualification covering the areas of mechanical, sheet metal, metal fabrication and welding.

Pathways: Leads to possible apprenticeship or employment in the metals, engineering, manufacturing, toolmaking and related industries, including mining trades. See: www.skills.sa.gov.au.

Prerequisites: Design and technology experience Year 10 or beyond. Students must meet language, literacy and numeracy requirements.

Special Requirements: Students must provide and wear safety footwear and shirt.

Location(s): Thebarton Senior College, 40 Ashley Street, Torrensville, SA, 5031

Dates and Times: 35 weekly sessions at Thebarton Senior College on Tuesdays from 08:50 until 15:05, commencing on 04/02/20

Work Placement: 18 days

140 hours (approximately 18 days) over years 10, 11 &/or 12, subject to negotiation. This is a requirement of the Training Guarantee for SACE students.

SACE Details: SACE Stage 1, 30 SACE credits

Please refer to the SACE VET Recognition Register.

Qualification: Partial Certificate II in Engineering Pathways (National Code MEM20413)

RTO: TAFE SA (National Code 41026)

Competencies: Compulsory

MEM13014A Apply principles of Occupational Health and Safety in the work environment (10 nominal hours)

MEM18001C Use hand tools (20 nominal hours)

MEM18002B Use power tools/ hand held operations (20 nominal hours)

MSAENV272B Participate in environmentally sustainable work environment (30 nominal hours)

MEMPE001A Use engineering workshop machines (60 nominal hours)

MEMPE002A Use electric welding machines (40 nominal hours)

MEMPE003A Use oxy acetylene and soldering equipment (40 nominal hours)

MEMPE004A Use fabrication equipment (40 nominal hours)

The final range of competencies to be delivered may be subject to change in accordance with RTO requirements.

Training Cost Fee: $100.00 GST free

This fee is for trained teacher delivery (invoiced to the Home School by the Host School). Department for Education (public) schools in Western Adelaide region (WASSN) will subsidise the training cost for students if it is part of the students’ genuine career pathway and SACE. Please check the level of subsidy with your Home School. Private school students and families please see your school’s VET Leader to find out about the VET Payment Policy in your school.

Consumables Fee: None

WASSN Gap Fee: None

This fee will be invoiced to the family by the Home School. Please discuss this with your VET Leader.

Personal Equipment and Materials: None

Cost Notes: There is a compulsory Regional VET fee of $100.00 (GST free) for all courses. This fee will be invoiced to the family by the Home School. Schools outside of the member and non-member school portfolio (please check WASSN policy at http://www.wats.sa.edu.au) will have to pay an additional fee of $100.00 per student + GST based on administration fees. The student’s Home School will collect this fee from the family directly.

Number Of Students: Minimum 10
Maximum 18

Selection Process: An information session must be attended. Ring Tina or Mandy for more information on 8159 3100.

Orientation Details: Enrolment through interview. Ring Tina Kritikos to arrange this on 8159 3100.

Public Transport: Buses 287 and 288 from the city.

Contact Person: Ms Terry Neville