Engineering Pathways (Thebarton Senior College)

Course Title Engineering Pathways
Region Inner South Curriculum Alliance
Host Organisation Thebarton Senior College
Course Length 2 semesters (1 year)
Course Description Intended to deliver in partnership with TAFE SA. Regarding this RTO it is the school's intent to deliver. 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 Further Education Pathway - Full Certificate Engineering Career Pathway - Leads to possible apprenticeship or employment in the metals, engineering, manufacturing, toolmaking and related industries, including mining trades.

Prerequisites It is preferred that students have had some experience in a Design and Technology course at year 10 level or beyond and an interest in practical work. Students must meet language, literacy and numeracy requirements.

Special Requirements Attend an information session and an interview
Students will need to provide and wear steel-capped safety boots. Students will need to provide their own transport to and from workplace learning.
Completion of an LNN test.

Location(s) Thebarton Senior College, 40 Ashely Street, TORRENSVILLE, SA, 5031
Dates and Times 36 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
Up to 30 at Stage 1
Qualification MEM20413 - 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)
MSAENV272B Participate in environmentally sustainable work practices (30 nominal hours)
MEM18001C Use hand tools (20 nominal hours)
MEMPE002A Use electric welding machines (40 nominal hours)
MEMPE004A Use fabrication equipment (40 nominal hours)
MEMPE007A Pull apart and reassemble engineering mechanisms (30 nominal hours)
MEMPE005A Develop a career plan for the engineering and manufacturing industry (20 nominal hours)
Elective MEM18002B Use power tools/hand held operations (20 nominal hours)

Total Training Cost $150.00 GST exempt
Course cost $100.00 GST exempt
Additional Costs: $50 (Work shirt $35 and welding gloves $15).
Thebarton senior College will invoice the Home School for course costs and student for additional costs.

This course will be run under the Training Guarantee for SACE students (TGSS) (eligibility criteria applies). For eligible students, a TGSS Form A will need to be completed by the home School and student and submitted to the RTO via TSC. A Form B must be received from the RTO prior to commencement of the course. For students ineligible for TGSS, the Fee For Service cost of this course will be $15.00 per nominal hour (GST free).

Cost Notes In addition to the course cost, an administration fee will apply as follows:
Non-ISCA DECD school - $50 per enrolment
Non-DECD school - $250 per enrolment
(refer to member school tab for list of ISCA schools)

Number Of Students Minimum 10
Maximum 18
Selection Process An Information session must be attended, enrolment through interview.
Public Transport Buses 287 and 288 from the city
Contact Person Ms Tina Kritikos, Phone 8159 3100, Email Tina.Kritikos@thebartonsc.sa.edu.au