



EDWARD JOHN
EYRE
HIGH SCHOOL

MEM20413: CERTIFICATE II IN ENGINEERING PATHWAYS

tafeSA



Government of
South Australia

RTO Code: 41026
CRICOS Code: 00092B
HEP Code: PRV14002

VET offerings and costs at EJEHS are subject to State Government policy and delivery organisation changes



SUBJECT DESCRIPTOR

Explore your options and gain practical skills and knowledge with this entry-level engineering course and increase your prospects of gaining an engineering apprenticeship.

INTAKE Semester 1

ANTICIPATED DURATION 12 months

DELIVERY MODE Week blocks- TAFE SA Whyalla

ENTRY REQUIREMENTS

Grade point average of C grade or above at host school
Current CV and interview

PROGRAM EXPECTATIONS

80% or above actual attendance
Adherence to student code of conduct
Grade point average of C grade or above at host school

SACE/ATAR ATTAINMENT

30 Credits at SACE Stage 1
20 Credits at SACE Stage 2
This course cannot be used to gain an ATAR

INDICATIVE COSTING

EJEHS Hi-Vis Uniform \$45.40 (pre-payment is required). Students will need to source their own long pants, safety boots, safety glasses, safety gloves and earplugs.
TAFE SA TGSS funded.

ASSESSMENT TYPE

Competency-based assessment is applied to a range of assessment tasks according to the units being assessed. There are both theoretical and practical tasks.

CURRICULUM CONSIDERATIONS

Students selecting this course are required to meet the following criteria;

- Undertake the EJEHS VET application and selection process
- Prepared to complete minimum of 70 hours work placement through the duration of the course
- Participate in approximately 9 block weeks of training in 12 months.

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NATIONAL CODE	UNIT NAME	NOMINAL HOURS
Core Units		
MEM13014A	Apply principals of occupational health and safety in the work environment	10
MEMPE005A	Develop a career plan for the engineering and manufacturing industry	20
MEMPE006A	Undertake a basic engineering project	80
MSAENV272B	Participate in environmentally sustainable work practices	30
Elective Units		
MEM16006A	Organise and communicate information	20
MEM16008A	Interact with computing technology	20
MEM18001C	Use hand tools	20
MEM18002B	Use power tools/hand held operations	20
MEMPE001A	Use engineering workshop machines	60
MEMPE002A	Use electric welding machines	40
MEMPE003A	Use oxy-acetylene and soldering equipment	40
MEMPE004A	Use fabrication equipment	40
Total hours		400