



EDWARD JOHN
EYRE
HIGH SCHOOL

CERTIFICATE II IN ENGINEERING PATHWAYS

COURSE CODE MEM20413

INTAKE Semester 1

ANTICIPATED DURATION 12 months

DELIVERY MODE Week blocks- TAFESA Whyalla
2x Support lessons- EJEHS
Available via Local Delivery

ENTRY REQUIREMENTS

Successfully completing and passing the LLN aptitude test
80% or above actual attendance at their host school
Provide documentation of successful work placement in a related industry pathway.

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 \$50 (pre-payment is required). Students will need to source their own long pants, safety boots and safety glasses.

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.

SUBJECT DESCRIPTOR

Engineering is designed for students who are interested in trades in the metal fabrication industry, particularly those of boilermaker and mechanical fitter.

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 10 Weeks of training in 12 months.

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



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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