

# NATIONAL QUALIFICATION MEM20413

## CERTIFICATE II IN ENGINEERING PATHWAYS

### TRADEPATH - SAGE STAGE I

#### ABOUT THE COURSE

This qualification delivers broad-based underpinning skills and knowledge in a range of engineering and manufacturing tasks which will enhance the graduate's entry level employment prospects for apprenticeships, traineeships or general employment in an engineering related workplace. A substantial period of work placement is required to ensure that unit outcomes are met.

#### PREREQUISITES

There are no prerequisites for this qualification.

#### SPECIAL REQUIREMENTS

Students must adhere to all WHS requirements as directed by trainer. The approved Western Technical College trainee uniform and PPE will be required during all training and SWL. Students must have good literacy and numeracy skills.

Students will be supplied with the following through Western Technical College:

- High visibility work shirt
- Safety glasses
- High visibility work jumper
- Welding jacket
- Welding helmet
- Gloves
- Clip
- Combination lock
- Hearing protection

Additional Personal Protective Equipment (PPE) to be purchased by student prior to commencement:

- Steel cap boots
- Navy work trouser (FXD brand or similar)

#### STRUCTURED WORK PLACE LEARNING (SWL)

Students are required to undertake 70 hours of SWL as stipulated in the TGSS to be conducted during term breaks to minimise disruption.

#### TRAINING GUARANTEE FOR SAGE STUDENTS (TGSS)

This course is a TGSS approved course. Students must complete Form A and have approval prior to commencing the course. The WTC fee is not covered by TGSS.

#### FEE FOR SERVICE

Students who do not qualify for TGSS will be charged a Fee for Service to cover tuition and resources.

#### COURSE LOCATION

Western Technical College  
Corner of Russell & Symon Street, Rosewater

Serviced by public transport (Bus and Train).  
Check Adelaide Metro website for times and routes - [www.adelaide](http://www.adelaide)

#### COURSE DETAILS

COURSE CODE	SUBJECT TITLE	HOURS
MEMPE005A	Develop a career plan for the engineering and manufacturing industry	20
MEMPE001A	Use engineering workshop machines	60
MEMPE002A	Use electric welding machines	40
MEMPE004A	Use fabrication equipment	40
MEMPE007A	Pull apart and re-assemble engineering mechanisms	30
MSAPMSUP106A	Work in a team	30
MEM13014A	Apply principles of occupational health and safety in the work environment	10
MEM18001C	Use hand tools	20
MEM18002B	Use power tools/hand held operations	20
MEM16008A	Interact with computing technology	20
MSAENV272B	Participate in environmentally sustainable work practices	30
MEMPE006A	Undertake a basic engineering project	80



#### PROGRAM PROVIDER CONTACT

Shane Gubbin - General Manager  
Western Technical College  
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CODE: MEM20413	RTO: TAFESA	RTO CODE: 41026
DATE	WEEK 2, TERM 1, 2021	
SEMESTER(S)	1 AND 2	
WEEK(S)	35	
DAILY TRAINING TIME(S)	TUES, WED <b>OR</b> THURS 8.40AM - 3.00PM	
SAGE CREDITS	STAGE 1 - 60	
RTO FEE	\$130 - WHITE CARD	
FEE	\$350	
PPE PACK	\$401.50 INC GST	
FEE FOR SERVICE (FFS)	\$1,500 PER SEMESTER	