

Course Requirements

MEM31922 – AE16 - Certificate III in Engineering - Fabrication Trade

Uniform requirements / PPE (No hoodies)

- Cotton or denim long trousers (close fitting)
- Long sleeved cotton shirt
- Safety boots - to meet AS/NZS 2210
- Clear Safety Glasses – to meet AS/NZS1337
- Suitable Welding Helmet. (Auto Darkening)
- Welding Gloves
- Riggers gloves
- TIG welding Gloves
- Welding Jacket – (preferred)
- Hearing protection (optional)

Stationery requirements

- USB-8GB (lecturer will supply electronic resource material, this is required for first day)
- Compass Blackstone Quick Set or similar
- Scientific Calculator: Sharp Advance D.A.L EL -531TH
- 60° set square
- 45° set square
- 30° set square
- Pens, H & 2H pencils, eraser
- Steel ruler (Optional)
- Line cord ruler (Optional)
- Protractor (Optional)

Textbook/s

First Year Apprentice

Title: <i>Perform Engineering Measurements - ENG 1041</i>		
Author: First Year apprentices	Publisher: West 1	ISBN: available from the Bunbury TAFE bookshop
Title: <i>Perform Calculations - ENG1040</i>		
Author: First Year apprentices	Publisher: West 1	ISBN: available from the Bunbury TAFE bookshop
Title: <i>Engineering Drawing Interpretation - ENG 090</i>		
Author: First Year apprentices	Publisher: West 1	ISBN: available from the Bunbury TAFE bookshop
Title: <i>Fabrication Info. - Eng 089</i>		
Author: First Year apprentices	Publisher: West 1	ISBN: available from the Bunbury TAFE bookshop
Title: <i>Gas and Thermal Processes - ENG 092</i>		
Author: First Year Apprentices	Publisher: West 1	ISBN: available from the Bunbury TAFE bookshop
Title: <i>Arc Welding 1 - ENG 093</i>		
Author: First Year Apprentices	Publisher: West 1	ISBN: available from the Bunbury TAFE bookshop

Second Year Apprentice

Title: <i>Arc Welding 1 - ENG 093</i>		
Author: Second Year Apprentices	Publisher: West 1	ISBN: available from the Bunbury TAFE bookshop
Title: <i>Arc Welding 2 – ENG 094</i>		
Author: Second Year Apprentices	Publisher: West 1	ISBN: available from the Bunbury TAFE bookshop

Optional

Title: *Marking off techniques for Metal Fabrication A Basic Course (Optional)*

Publisher: McGraw Hill
Education

ISBN: available from the
Bunbury TAFE bookshop

Timetable

- As per apprentice call up