MEM40105 – WT46 Certificate IV in Engineering (Instrumentation)

This course will be of interest to eligible qualified tradesperson with an electrical, mechanical fitter or refrigeration background.

This qualification is structured to include both theoretical and practical training. The theoretical component is undertaken online whilst the practical components can be completed at the institute’s Midland campus (generally within two weeks).

The Certificate IV provides eligible students with the training, skills and knowledge to install, commission, calibrate and maintain modern instrumentation and control systems. This includes PLC programming, configuring instruments and tuning of multi-loop cascade controls.

Course content

- MSAENV272B
  Participate in environmentally sustainable work practices.

- MEM10004B
  Enter and change programmable controller operational parameters.

- MEM10005B
  Commission programmable controller programs

- MEM18064B
  Maintain instrumentation systems.

- MEM18054B
  Fault find, test and calibrate instrumentation systems and equipment.

- MEM18062B
  Install, maintain and calibrate instrumentation sensors, transmitters and final control elements.

- MEM18060B
  Maintain and repair control instrumentation - single and multiple loop control systems.

- MEM18067B
  Tune control loops - multi controller or multi element systems.

Entrance requirements

Students who wish to complete this course need to have the prerequisite, core and other units required for the Certificate IV, credited via an RPL or Credit Transfer process.

Duration

6 - 12 Months – Enrol any time

Course cost

$1508.82
Plus (if applicable)
RPL - $814.00

Location

Midland

Contact

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