



MEM40105 Certificate IV in Engineering (Instrumentation)

National ID: MEM40105 | State ID: WT46

About this course

Take control of your instrumentation career

Are you a **qualified tradesperson** with an electrical, mechanical fitter or refrigeration background? If so our Certificate IV in Engineering (Instrumentation) will give you the training, skills and knowledge needed to work on and maintain **modern instrumentation and control systems**.

This qualification includes both theoretical and practical training. The theoretical component is undertaken online whilst the practical components are completed on campus.

If you meet these prerequisites then this course will take you 6 - 12 months to complete and you may enrol at any time, see [our flyer](#) for more details

Gain these skills

- Able to install, commission, calibrate and maintain modern instrumentation and control systems including:
 - PLC programming
 - Configuring instruments
 - Tuning of multi-loop cascade controls

Is this course right for me?

I am:

- A qualified tradesperson such as an A-Grade electrician, mechanical fitter, refrigeration technician, **or**
- A third/fourth year apprentice

Overview

Entrance requirements

School Leaver	Non-School Leaver	AQF
C Grades in Year 11 WACE General English, and OLN; or NAPLAN 9 Band 8	C Grades in Year 11 English and Maths or equivalent	Certificate II or Certificate III

Prerequisites

To complete this course you will need to have the prerequisite, core and other units required for the certificate IV, credited via an RPL or Credit Transfer process.

Job opportunities

- Higher Engineering Tradesperson or a Special Class Engineering Tradesperson - Level II

Please note this list should be used as a guide only as job titles and qualification requirements may vary between organisations.

Important information

Third and fourth year apprentices can enrol and be issued with a certificate when they complete their trade studies.

Fees and charges

View our [Indicative Fees list](#)

Local full time students

Course fees are made up of two components, tuition fees and resource fees.

Tuition fees are determined by multiplying the course fee rate by the nominal hours, which is the number of hours in which an average student could be expected to complete each unit. They are not the hours of training or instruction.

Resource fees are charges for material that are essential to a course or unit, and are purchased by NMT to be used by students during the course.

Fees may vary depending on the units you are enrolled in so an approximate amount has been shown. You will be given the exact amount of your fees at enrolment. Part time student fees will vary depending on the number of units you are enrolled in.

Please note, you may also need to buy textbooks or equipment for your course.

