



PID Skill Set

State ID: EAB51

About this course

Instrumentation Technicians work in many sectors including oil and gas, mining, minerals processing and associated industries.

This PID (proportional integral derivative) skill set will equip you with the skills needed for the set up, adjustment and tuning of control loops. While it is highly recommended that you have completed UEE40411 Certificate IV in Electrical (Instrumentation) prior to doing this skill set, it is possible to enrol in both concurrently and NMT will help you manage the order of completion of subjects so that you can achieve the pre-requisite units before commencing this PID program.

Gain these skills

- Understand PID algorithms
- Investigate different techniques used to loop tune in flow level, temperature and cascade tuning

Is this course right for me?

I have the following attributes:

- Good maths skills
- Good analytical skills
- Keen to work with instrumentation

Details

In order to comply with COVID-19 Government directed social distancing guidelines, some courses may include a mix of online learning, virtual classrooms (live web conferencing with your lecturer and class) and classroom delivery, as well as practical and work experience placements.

Lecturers will provide specific instructions to their student groups on how training will be undertaken.

Continuous enrolment, 2020

Midland - PID Skill set



When: **Continuous enrolment**



How: **Online**

Units

Core

National ID	Unit Title
UEENEEI106A	Set up and adjust PID control loops
UEENEEI110A	Set up and adjust advanced PID process control loops

Further study

This is a specialist skill set although we do offer associated training in areas such as variable speed drives and robotics.

Job opportunities



[Electronic Instrument Trades Workers](#)

Instrumentation Technician in oil & gas, mining, minerals processing

Important information

As it is expected that most students will already be employed in the industry, the course is delivered in a combination of online theory and lab based skills to minimise time spent away from work. The theory and assignment component can be completed online in your own time while the skill component is to be undertaken in our industry relevant lab at our Midland campus over the course of approximately one week. This can be done during the day or on some week day evenings.