

CERTIFICATE III IN INSTRUMENTATION AND CONTROL



COURSE CODE:
UEE31211

WHY CHOOSE TAFE NSW?



Opens career doors. Our industry relationships lead many students directly into work with a range of employers including agencies, studios, galleries and fashion houses.



Global prospects. TAFE NSW graduates possess the technical knowledge, creative-thinking and specialised skills that are highly sought after by employers around the world.



State-of-the-art facilities. Purpose-built creative studios and industry standard software mean you will master the same tools of the trade as leading professionals.



Industry exposure. TAFE NSW partners with industry to provide you with hands-on experience through networking, sponsor programs, competitions, talks, lectures and other creative industry events.



Recognised and respected. TAFE NSW has built its reputation on delivering trusted, industry aligned and nationally recognised training for over 130 years.

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QUALIFICATION

Certificate III in Instrumentation and Control

CAREER AREA

Electro Technology

TRAINING PACKAGE ENTRY REQUIREMENTS:

ENTRY REQUIREMENTS

TAFE NSW offers the Certificate III in Instrumentation and Control as an apprenticeship. There may also be options available for you to study as a non-apprentice.

Apprenticeship

To be eligible for this course, you must:

- Be employed as an apprentice in the instrumentation industry as evidenced by a letter of support from your employer
- Submit your Training Plan Proposal (TPP) with your application

Non-apprenticeship

There may be options available for you to study as a non-apprentice. Enquire today and one of our Apprenticeship and Traineeship team will help you understand any eligibility or entry requirements.

WORK PLACEMENT

There is no work placement requirement for this qualification. As an apprentice, you will gain your experience on-the-job with your employer.

If you are enrolling as a non-apprentice, you need to be in relevant employment or have access to appropriate simulated workplace environments in order to meet the course completion requirements.

IS THIS COURSE RIGHT FOR YOU?

To be prepared for this course, we recommend that you have:

- Language, literacy, numeracy and communication skills at Year 10 level

If you need help preparing for study, contact us about your options.



NATIONALLY RECOGNISED
TRAINING

■ **Apprenticeship
Allowed**

■ **On campus**

■ **Part Time**

CAREER

OPPORTUNITIES

General electronic
instrument
tradesperson /
instrument fitter.

OVERVIEW

The nationally recognised Certificate III in Instrumentation and Control equips you with the skills you need to ensure engineering systems and processes operate effectively and safely. Learn the fundamentals of industrial automation, instruments, monitoring and control in this hands-on course.

LEARN NEW SKILLS

Through a mix of theory and practical coursework, learn to:

- Select, install, set up, test, fault find, repair and maintain systems and devices for measurement and recording
- Program advanced PID control loops, Programmable Logic Controllers (PLC) and Human Machine Interface (HMI)
- Disconnect and reconnect control devices
- Understand the fundamentals of electricity
- Apply sustainable work principles
- Use tools safely and correctly

DEVELOP YOUR TALENT

Develop the attributes to help you get ahead:

- An analytical approach to problem solving
- The ability to complete tasks by following written and verbal instructions
- The ability to communicate effectively

ACHIEVE YOUR GOALS

Completing this course provides you with:

- A nationally accredited qualification at Certificate III level
- A strong pathways to continue your study and enhance your career opportunities

Career opportunities:

- Electrical equipment tradesperson
- Electrical instrumentation tradesperson
- Plant instrumentation technician
- PLC/HMI programmer

GROW YOUR CAREER

Take your expertise to the next level with the:

- Certificate IV in Instrumentation and Control
- Diploma of Electronics and Communications Engineering
- Advanced Diploma in Electronics and Communications Engineering

CAMPUS	STUDY MODE	START DATE	DURATION	MAX FEE IF ELIGIBLE FOR SUBSIDY	HOURS PER WEEK
Ultimo, Main Campus (Apprenticeship)	Part Time, On campus	Anytime	3 Years	\$3,960.00	11