

CERTIFICATE IV IN INSTRUMENTATION AND CONTROL



COURSE CODE:
UEE42211

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 IV in Instrumentation and Control

CAREER AREA

Electro Technology

TRAINING PACKAGE ENTRY REQUIREMENTS:

ENTRY REQUIREMENTS

TAFE NSW offers the Certificate IV 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.

LICENSING REQUIREMENTS

There are many career pathways and opportunities to choose from when you graduate from the Certificate IV in Instrumentation and Control. Its important to check the licensing, legislative, regulatory and certification requirements relating to your future career by visiting NSW Fair Trading or your state licensing body.

IS THIS COURSE RIGHT FOR YOU?

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

- A desire to further expand your industry knowledge and skills to advance your career
- An interest in industrial instruments and control systems
- Strong attention to detail
- Enjoy problem-solving and analysis of electrical issues

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



NATIONALLY RECOGNISED
TRAINING

**■ Apprenticeship
Allowed**

**CAREER
OPPORTUNITIES**

**Supervisor,
electronic instrument
tradesperson /
instrument and
process control
technician.**

OVERVIEW

The nationally accredited Certificate IV in Instrumentation and Control equips you with the skills you need to work as a senior technician or supervisor in the instrumentation industry. Expand your capabilities so you can take on advanced positions in your workplace.

LEARN NEW SKILLS

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

- Install instrumentation and control equipment
- Solve problems in temperature measurement components and systems
- Utilise instrumentation drawings, specifications, standards and equipment manuals
- Develop, enter and verify discrete control programs for programmable controllers
- Diagnose and rectify faults in digital control systems

DEVELOP YOUR TALENT

Develop the attributes to help you get ahead:

- Attention to detail
- Critical-thinking skills
- An interest in technical details
- An aptitude for practical tasks

ACHIEVE YOUR GOALS

Completing this course provides you with:

- A strong pathway to continue your study and enhance your career opportunities

Career opportunities:

- Senior technician
- Supervisor
- Instrumentation specialist

GROW YOUR CAREER

Take your career further with the:

- Diploma of Electronics and Communications Engineering
- Advanced Diploma of Electronics and Communications Engineering

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