



TAFE NSW

CERTIFICATE IV IN ELECTRICAL - INSTRUMENTATION

COURSE CODE:

UEE40411

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 Electrical - Instrumentation

TRAINING PACKAGE ENTRY REQUIREMENTS:

ENTRY REQUIREMENTS

TAFE NSW offers the Certificate IV in Electrical - Instrumentation 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 electrical 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 Electrical - Instrumentation. 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:

- An interest in industrial instruments
- Strong attention to detail
- Enjoy problem-solving and analysis of electrical issues
- Experience with industrial computers and applications in an industrial environment
- Confidence working in confined spaces and at heights

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



NATIONALLY RECOGNISED
TRAINING

■ **Apprenticeship
Allowed**

**CAREER
OPPORTUNITIES**

**Electrician (special
class) / supervisor,
electronic instrument
tradesperson.**

OVERVIEW

The nationally recognised Certificate IV in Electrical Instrumentation equips you with the practical skills and technical knowledge to work as an instrumentation technician. You'll learn specialised instrumentation skills and sustainable work practices in the exciting electrical industry.

LEARN NEW SKILLS

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

- Work safely within industry guidelines
- Troubleshoot and repair faults in low voltage electrical apparatus and circuits
- Install wiring and accessories
- Fabricate and assemble industry components
- Use instrumentation drawings, specifications, standards and equipment manuals

DEVELOP YOUR TALENT

Develop the attributes to help you get ahead:

- Attention to detail and problem-solving skills
- Time management
- Digital literacy
- An interest in technical details
- An aptitude for applying theoretical knowledge to practical tasks

ACHIEVE YOUR GOALS

Completing this course provides you with:

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

Career opportunities:

- Instrumentation technician
- Industrial automation and control technician
- Aerospace technician

GROW YOUR CAREER

Take your career further with the:

- Diploma of Electrical Engineering
- Advanced Diploma of Electrical Engineering

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