

# CERTIFICATE IV IN INDUSTRIAL ELECTRONICS AND CONTROL



COURSE CODE:  
**UEE40911**

## 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.

**ENROL TODAY**  
**TAFENSW.EDU.AU**  
**131 601**

**BE AMBITIOUS**

**COURSE CODE**

UEE40911

**QUALIFICATION**

Certificate IV in Industrial Electronics and Control

**CAREER AREA**

Electro Technology

**TRAINING PACKAGE ENTRY REQUIREMENTS:****ENTRY REQUIREMENTS**

TAFE NSW offers the Certificate IV in Industrial Electronics 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 electrotechnology industry as evidenced by a letter of support from your employer
- Submit your Training Plan Proposal (TPP) with your application

**Non-apprenticeship**

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
- An aptitude for technical work in industrial electronics and control systems
- Ability to use advanced instruments and control systems

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

NATIONALLY RECOGNISED  
TRAINING

- **Apprenticeship Allowed**
- **On campus, Combination**
- **Part Time, Variable**

**CAREER OPPORTUNITIES**

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

**OVERVIEW**

The nationally recognised Certificate IV in Industrial Electronics and Control will strengthen your skills and prepare you to advance your career as a licenced electrician in manufacturing, industrial automation, robotics and other emerging industries.

**LEARN NEW SKILLS**

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

- Fault find and repair analogue circuits and components in electronic and digital control systems
- Create structured programs to control external devices
- Develop and connect electrical control circuits
- Diagnose and rectify faults in digital control systems
- Solve problems in low voltage a.c. and d.c. circuits
- Install appliances, switchgear and associated accessories for low voltage electrical installations
- Develop, enter and verify control programs for programmable logic controllers

## DEVELOP YOUR TALENT

Develop the attributes to help you get ahead:

- Analytical approach to problem solving
- Fine motor skills
- The ability to follow instructions
- Effective communication

## ACHIEVE YOUR GOALS

Completing this course provides you with:

- A nationally recognised qualification at Certificate IV level
- Strong pathways to continue your studies and industry accreditation to enhance your career opportunities

## Career opportunities:

- Machinery operator and driver
- Electronic instrument trade worker
- Industrial automation and control technician
- Industrial electronics and control technician

## GROW YOUR CAREER

Take your expertise to the next level with:

- 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
Port Macquarie	Part Time, On campus	Anytime	36 Weeks	\$4,960.00	8
St George, Main Campus	Part Time, Combination	13 Jul 2021	2 Years	\$4,960.00	9.7
Wollongong (Apprenticeship)	Variable, On campus	Anytime	30 Weeks	\$4,960.00	12

**ENROL TODAY TAFENSW.EDU.AU 131 601**