Diploma of Electrical Engineering

TAFE NSW Course Number: UEE50411-01V04 (19OTE-018)
National Course Code: UEE50411
Nominal Hours: 1440

Course description

Study the Diploma of Electrical Engineering and you will get the hands-on knowledge and skill you need to advance your career in the electrotechnology industry.

Through this nationally recognised qualification, you will learn:

- Complex electronic circuits controlling fluids
- To develop electrical integrated systems
- To plan the electrical installation of integrated systems

Your expert teachers will share their industry experience to give you a competitive edge in this dynamic field.

To make it even easier to study at TAFE NSW, we have developed a range of study options for you to choose from. Talk to us today about your options.

The Diploma in Electrical Engineering is also available as a Traineeship.

We highly recommend you complete a personalised career and study profile to confirm this course is right for you, you will find the Career Voyage link below.

Other information

The Diploma of Electrical Engineering offered by TAFE Digital is a recognition pathway qualification for people who are experienced in the Electrotechnology industry and hold a UEE30811 qualification or later, and/or who hold a NSW Electrician’s Licence or its interstate equivalent.

To ensure you leave us with the most up to date qualification...

If during or after your enrolment, the course in which you are enrolled is updated in line with national industry standards, the Institute reserves the right to transition you into an alternate course. If this becomes necessary, the Institute will advise you of the change and the arrangements which will be available for you to complete your alternate course.

What are the entry requirements? (including Recognition of Prior Learning)
There are no formal educational requirements for entry to this course.

However, the Electrotechnology Training Package recommends typical language, literacy and numeracy skill levels needed to successfully complete each Competency Standard Unit undertaken within this qualification.

Learners should either be in relevant employment or have access to appropriate simulated workplace environments to achieve the completion requirements of this course.

**Are there any additional local entry requirements?**

A number of courses may require prospective students to provide additional information such as documentation, an expression of interest, evidence that you are already employed as an apprentice, or preferred prior study (or equivalent).

To study this courses through TAFE Digital, you need to hold an electricians license or be eligible to for one.

Credit (or recognition) for modules/units may be granted based on previous learning, studies, work and/or life experiences. For more information on Credit visit the [Credit Pathways](https://www.tafensw.edu.au/digital/getting-started/credit-pathways) page on TAFE Digital website.

**Please note:** Some industries have their own legislative or licensing requirements. TAFE NSW recognition does not apply to these.

**Under 17 and wanting to leave school?**

If you are under 17 and want to leave school, your options have been affected by a recent change in NSW law. From January 2010 you must complete Year 10 and then continue in either full-time education, training, paid employment or a combination of these options until you’re at least 17 years of age. More information about options for school students under 17 is available from our website: [oten.tafensw.edu.au/under17](https://oten.tafensw.edu.au/under17)

**What kind of work could I do?**

Electrical engineering technician.

**Pathway to university or higher education**

Thinking of studying next year? Not sure if you should go to TAFE or uni? Let us help you decide. At TAFE NSW we offer you the flexibility to fast-forward your career with Pathways.

Choosing to study at TAFE before going on to uni can see you graduating and entering a competitive workforce sooner — and not with one, but two, nationally recognised qualifications! For more information visit [oten.tafensw.edu.au/uni](https://oten.tafensw.edu.au/uni)

**What units will I study?**
UEENEEC001B – Maintain documentation
UEENEEC005B – Estimate electrotechnology projects
UEENEEC006B – Prepare tender submissions for electrotechnology projects
UEENED101A – Use computer applications relevant to a workplace
UEENEEE020B – Provide basic instruction in the use of electrotechnology apparatus
UEENEEE038B – Participate in development and follow a personal competency development plan
UEENEEE084A – Write specifications for electrotechnology engineering projects
UEENEEE101A – Apply Occupational Health and Safety regulations, codes and practices in the workplace
UEENEEE102A – Fabricate, assemble and dismantle utilities industry components
UEENEEE104A – Solve problems in d.c. circuits
UEENEEE105A – Fix and secure electrotechnology equipment
UEENEEE107A – Use drawings, diagrams, schedules, standards, codes and specifications
UEENEEE117A – Implement and monitor energy sector OHS policies and procedures
UEENEEE124A – Compile and produce an energy sector detailed report
UEENEEE125A-UNGRADED – Provide engineering solutions for problems in complex multiple path circuits
UEENEEE126A-UNGRADED – Provide solutions to basic engineering computational problems
UEENEEE137A – Document and apply measures to control OHS risks associated with electrotechnology work
UEENEEG006A – Solve problems in single and three phase low voltage machines
UEENEEG033A – Solve problems in single and three phase low voltage electrical apparatus and circuits
UEENEEG063A – Arrange circuits, control and protection for general electrical installations
UEENEEG101A – Solve problems in electromagnetic devices and related circuits
UEENEEG102A – Solve problems in low voltage a.c. circuits
UEENEEG103A – Install low voltage wiring and accessories
UEENEEG104A – Install appliances, switchgear and associated accessories for low voltage electrical installations
UEENEEG105A – Verify compliance and functionality of low voltage general electrical installations
UEENEEG106A – Terminate cables, cords and accessories for low voltage circuits
UEENEEG107A – Select wiring systems and cables for low voltage general electrical installations
UEENEEG108A – Trouble-shoot and repair faults in low voltage electrical apparatus and circuits
UEENEEG109A – Develop and connect electrical control circuits
The above list includes units being offered by TAFE Digital. If licensing in another state other than NSW is required, please check requirements with the relevant state.

**Do I need additional resources to study this course?**

Students will need to buy or borrow from a library any textbooks needed.

**Your learning materials will be provided in:**

Online materials.

**This qualification is completed by:**

Qualification is completed after successfully completing assessment tasks.

**How much is the course?**

The indicative cost of this course is $8,260.

This training is subsidised by the NSW government under Smart and Skilled. The student fee you will need to pay, will be determined according to your personal circumstances and eligibility for a subsidised place, you may also be eligible for a concession fee, fee exemption or fee free scholarship. Payment by instalments is available.

You may continue with an enrolment into this course if you are not eligible for subsidised training, however the full training fee will be applicable. There are conditions to enrolment if you are a Temporary Visa Holder. To discuss your visa status and eligibility to enrol please phone 131 601.

For further information on fees and charges please see [https://www.tafensw.edu.au/get-started-at-tafe-nsw/fees-information](https://www.tafensw.edu.au/get-started-at-tafe-nsw/fees-information)
Please ensure you also read and understand the associated fee policies and conditions related to withdrawal from a course, applying for a refund of fees, applying for a deferral to your studies and if you are behind in payment of instalments.

Depending on your previous qualifications and experience, your fee may be less than the maximum fee quoted. Your actual fee will be calculated and confirmed during the enrolment process.

This course is approved for a Commonwealth VET Student Loan. If you meet the eligibility requirements, you are able to apply to the Commonwealth for a loan to cover all or part of your course fee. We will ask you whether you would like to apply for a VET Student Loan when you enrol and advise you of the process.

If you would like more information about VET Student Loans please visit the TAFE NSW website or contact us on 131 241.

For full details on TAFE NSW fees and money matters please visit our website: oten.tafensw.edu.au/fees

I would like to talk to someone before I apply

Please contact TAFE Digital Customer Service on 131 601.

We are committed to enhancing all students' prospects to reach their potential and achieve a positive future. We recognise that for some students additional support services are fundamental to ensure success. We have the following expert support services available which you may access by calling (02) 9715 8446 or 1300 655 993 to make an appointment: Counselling and Career Development, Disability, Aboriginal, Multicultural, Outreach, Adult Basic Education and Open Learning Centre Support Services.

Need help deciding?

Our free online career and study planning tool can help.

You will receive a personalised career and study profile based on your responses. If you would like to discuss your results in person, please contact our Counselling and
Career Development Unit by calling 1300 655 993 or 02 9715 8446. To get started click the link below:

Unique Student Identifier (USI)

From 1 January 2015, all students participating in Nationally Recognised Training in Australia will need to have a Unique Student Identifier, or USI.

This includes students completing an apprenticeship, skill set, certificate or diploma course.

A USI gives you access to your online USI account and will contain all of your nationally recognised training records and results from 1 January 2015 onwards. Your results will be available in your USI account in 2016.

When applying for a job or enrolling in further study, you will often need to provide your training records and results. One of the main benefits of the USI is that you will have easy access to your training records and results throughout your life.

How to get a USI

It is free and easy for you to create your own USI online at usi.gov.au. Your local Customer Service office can also provide further information and assistance. If you already have your USI you can enrol with TAFE NSW.

How do I apply?

To study this courses through TAFE Digital, you need to hold an electricians license or be eligible to hold one. To apply for this course please click on the Apply Now button. You may also apply over the phone by calling TAFE Digital on 131 601.

Apply now (click below)
on.tafensw.edu.au/mdqsqn

Current as at 30/7/2019