



Certificate III in **Electrotechnology Electrician and** Bachelor of **Engineering (Electrical and Information Engineering)**

Earn while you learn with our Dual Electrical Qualifications

Get paid and gain workplace experience through an apprenticeship while completing a Certificate III in Electrotechnology Electrician and a Bachelor of Engineering (Electrical and Information Engineering) in this unique career opportunity. Federation University is partnering with the Victorian Government, Ai Group Centre for Education & Training and NECA Education & Careers to create these dual electrical qualifications.

How does it work?

Industry employers hire an apprentice within the apprenticeship framework. It enables the apprentice to learn the skills that they'll need for a successful career in the industry while getting paid for their work. Their on-the-job learning is supported with formal learning in classrooms with the help of a Registered Training Organisation (RTO).

The apprentice is enrolled in both the Certificate III in Electrotechnology Electrician qualification (UEE30820) at NECA Education & Careers at the Dandenong Campus and the Bachelor of Engineering (Electrical and Information Engineering) at Federation University at the Berwick Campus. The apprentice completes these qualifications concurrently.

At the conclusion of their apprenticeship, the apprentice may apply to sit the A Grade Licence examination, awarded by Energy Safe Victoria. They will have completed a Certificate III in Electrotechnology Electrician and a Bachelor of Engineering (Electrical and Information Engineering) preparing them to work with rapidly advancing electrical technologies.

How is it delivered?

Candidates learn under the apprenticeship block release training model (nine x 1 week blocks per year). They will have completed the required elements of the Certificate III at the completion of their fourth year. After the completion of the required profiling, candidates will be eligible to sit the A Grade Licence at approximately four years or early in the fifth year of the program.

Dual Qualifications: Timeline and study load

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
20%	Certificate III in Electrotechnology Electrician (UEE30820)				A Grade Licence Exam	
	Bachelor of Engineering (Electrical and Information Engineering)					
80%	Workplace employment and on-the-job experience (including Profiling)					

Why have these dual qualifications been developed?

The industrial electrical sector has identified a gap in the skills market. Modern control systems in sophisticated industry applications have outpaced the current trade knowledge, but engineers who understand the systems are not licenced to physically work on them.

The dual qualification will address the growing skills requirements where rapidly advancing electrical technologies are converging with programming environments. This creates the need for a Higher Apprenticeship A Grade Licence holder with sound technical and engineering knowledge.

What is the process to apply?

Companies advertise, select and recruit apprentices while screening for the prerequisite requirements. Apprenticeship contracts and RTO enrolments are processed.

Candidates make a direct application into the Bachelor of Engineering (Electrical and Information Engineering) at Federation University with the assistance of the Dual Electrical Qualifications Team.

Candidates need to have employment and training contracts signed in time to be enrolled for training to commence in Late January 2024.

Eligibility requirements

To be eligible to enrol in the dual qualifications, candidates must:

- have completed Year 12
- have an ATAR of 60 or above (current Year 12 Students are encouraged to apply and can be offered places pending final results)

- Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics
- Units 3 and 4: a study score of at least 20 in any English

Candidates who do not meet the prerequisites, or adult applicants, may be considered at employer discretion. Appropriate candidates without the prerequisites may be able to apply via a special entry program, which involves an interview with Federation University.

What are the benefits for candidates?

- Earn while you learn, be paid to study and achieve your goals
- Obtain the Certificate III in Electrotechnology Electrician qualification (UEE30820)
- Receive the A Grade Licence awarded by Energy Safe Victoria
- Obtain the Bachelor of Engineering (Electrical and Information Engineering) degree (accredited by Engineers Australia)
- Reduce your study time from eight years to six years (if these qualifications were studied separately).

What are the benefits for employers?

- Equip an employee with advanced STEM knowledge and the ability to apply it in the workplace
- Develop a practically skilled tradesperson with advanced system understanding
- Create a pipeline of advanced talent for your business
- Realise these benefits within a reduced timeframe.



For more information
or to register your interest:

[Federation.edu.au/dual-electrical-qualification](https://www.federation.edu.au/dual-electrical-qualification)

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