

# Want an Electrical Engineering qualification that works for you?

**We've made it possible!**

Our Bachelor of Engineering (Electrical) (Honours) is delivered in block mode, so you can fit it around your work or training.

The combination of flexible study, smaller class sizes and outstanding student support provide the ideal environment for you to gain your university qualification, while continuing your training or employment.

## Future focused and backed by industry

- Covers key areas such as electronic and power systems, renewable energy, systems analysis and protection, control systems, microgrids and energy storage.
- Gain in-demand qualifications and skills to enhance your future career opportunities in the electrical engineering sector.
- Addresses a significant gap in the sector for qualified electricians, who also hold advanced electrical engineering skills.

## Benefits for students

- Gives you the flexibility needed to gain your engineering qualification while undertaking your existing employment or training.
- Based around the needs and schedule of employees, aligning your learning with current industry demands and making you job-ready.

## 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.

“Travelling to Berwick each month for the block sessions has been really worthwhile... The hands-on lab work brings the theory to life and helps build confidence I wouldn't get from online study alone.”

– Byron McMahon, block mode student

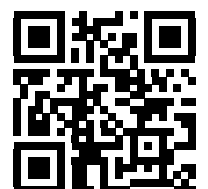
For Byron, block mode learning has enabled him to complete theoretical study remotely in his hometown of Portland and stay on-campus at Berwick for the practical components of the course.



## What is Block Mode?

- An intensive 4-day study week, once per month, over 9 months of the calendar year. The course takes four years to complete full-time.
- Since you only need to commit less than one week of study per month, you'll have greater flexibility to balance university with work, family or other commitments.
- Provides a study opportunity for those who already hold an electrician licence, or those looking to complement their current training.

Scan to  
learn more:



## Career Opportunities

- Electrical Engineer
- Electronics Engineer
- Communications Engineer
- Electrical Power Engineer
- Control System Engineer
- Electrical Design Engineer
- Renewable Energy Engineer
- Project Engineer

## Timeline and study plan

- Your university studies will be scheduled as a 4-day study block (Monday - Thursday), taking place once per month over 9 months, across each of the four years.
- Standard class hours for each day are 8:30am – 4:30pm, in person
- The course has three intake periods each year, with blocks of classes running March - May, June - August, and October - December.
- Studies will take place at Federation University's Berwick Campus. You will also have access to a range of online resources, as well as support from our teaching staff.
- After meeting all course completion requirements, you will graduate with a Bachelor of Engineering (Electrical) (Honours), accredited by Engineers Australia.

## Sample study schedule - Year 1

### BLOCK 1

ENGRG1001 Computational Skills for Engineers

MATHS 1100 Applied Mathematics 1

### BLOCK 2

MATHS2100 Applied Mathematics 2

ENGRG1003 Engineering Design 1

### BLOCK 3

ENGRG1002 Physics for Engineers 1

ENGRG1004 Physics for Engineers 2

## How do I apply?

- Apply for the **Bachelor of Engineering (Electrical) (Honours)** at Federation University's Berwick Campus.
- Current or recent Year 12 students must apply via VTAC. All other applicants apply Direct to Federation University.

For more information on how to apply, please visit:

VTAC - [vtac.edu.au](http://vtac.edu.au) or Direct - [federation.edu.au](http://federation.edu.au)

## Need assistance?

Our friendly staff are available to answer all your questions.

Call 1800 333 864 or scan the QR code for course details.



## Eligibility requirements

To be eligible you will need to:

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

## What if I don't meet the minimum requirements?

You may be eligible for our one semester Federation Access Studies (FAST) course, which provides you with the English and mathematics requirements for entry.

This course also includes online and part-time study options.



[Federation.edu.au](http://Federation.edu.au)  
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