

# Engineering

## Electrical Installation Level 3 Full-time

### In Brief

#### Start Date

This one year study programme starts in September.

#### Entry Requirements

Level 2 Electrical Installation T Level Transition Programme.

#### You will achieve

Level 3 Diploma in Electrical Installation

### Course Overview

Electricians fit and repair electrical circuits and wiring in people's homes and businesses. They also install and maintain electrical equipment, instruments and machinery. If you are good with practical work, can follow technical plans and want a varied job, this could be a great career for you. You'll also need to be well organised and understand the importance of safety regulations. To qualify as an electrician you will need to complete industry-recognised training and qualifications.

This qualification allows the learner to acquire advanced underpinning knowledge and related skills of electrical installation. It does not require occupational evidence from the workplace, so is suitable for learners who currently do not work within the electrical industry (but may wish to do so).

### Course Content

This course will provide learners with the essential practical skills and underpinning knowledge to become fully qualified in the electrical industry. The qualification has mandatory and optional units.

The mandatory units cover:

- Electrical installation design
- Environmental technology systems
- Electrical science and principles
- Electrical installation craft

- Inspection, testing, commissioning
- Diagnosing and correcting electrical faults

The optional units cover:

- Overseeing and organising the work environment
- Requirements of BS7671:2008 (2011)
- Small scale solar photovoltaic systems

The qualification also has integral health and safety in some of the units applicable to the topic being studied.

You can view the course specifications via the link below

[http://eal.org.uk/PDF/Electrical/600\\_9331\\_6\\_fs.pdf](http://eal.org.uk/PDF/Electrical/600_9331_6_fs.pdf)  
[[http://eal.org.uk/PDF/Electrical/600\\_9331\\_6\\_fs.pdf](http://eal.org.uk/PDF/Electrical/600_9331_6_fs.pdf)]

## How will I be assessed?

The assessment involves on-line tests, practical assessments and assignments.

## What Equipment Will I Need?

You will need suitable overalls and protective footwear which can be purchased through the College on enrolment. You will also need pen, paper and a folder to organise your work.

## Where will I study?

Science, Technology, Engineering and Maths (STEM) Centre  
Old Mill Lane  
Barnsley  
S70 2LA

## What can I do next?

Progression on to an Apprenticeship [<https://www.barnsley.ac.uk/our-departments/apprenticeships/>] to gain fully qualified status or into employment.

Additional qualifications to take to become a qualified electrician are:

- NVQ Level 3 in Electrical
- 17th/18th Edition
- C&G ( 2391) Inspection and Testing

See what careers are available in the Engineering [<https://www.barnsley.ac.uk/app/uploads/2023/10/Engineering-careers-2023-24.pdf>] sector. Use our online careers tool, Career Coach [<https://barnsley.lightcastcc.com/?radius=&region=Barnsley>] , to find out what your next steps could be.

## How much does the course cost?

### 16 – 18 year olds

Full-time Barnsley College students aged 16-18 years old do not have to pay tuition fees.

### 19+ Students

Aged 19 or over and thinking about further education? You may be eligible for free or reduced course fees . Please refer to our page '[paying for your course.](#)'

## Financial support

You may be eligible for assistance with expenses such as travel, books, equipment and childcare. For further information please contact the Student Services Team on +44 (0)1226 216 267.

## Extra information

### Advanced Learner Loans

This course may be eligible for an Advanced Learner Loan. Contact our friendly Information Team on +44 (0)1226 216 123 or email [info@barnsley.ac.uk](mailto:info@barnsley.ac.uk) [<mailto:info@barnsley.ac.uk>] . about eligibility and how to apply. You can also visit the Advanced Learner Loan [<https://www.barnsley.ac.uk/courses/paying-for-your-course/advanced-learner-loans/>] page.

## Contact the Information Unit

For further information please contact our friendly Information Team on +44 (0)1226 216 123 or email [info@barnsley.ac.uk](mailto:info@barnsley.ac.uk) [<mailto:info@barnsley.ac.uk>]

## Want to join Barnsley Sports Academy and the Sports Village?

Barnsley College has a range of sports opportunities for all students to take part in, gain professional training and compete nationally and internationally. We also have a state-of-the-art fitness village, Honeywell Sports Village [<https://www.barnsley.ac.uk/shops-services/honeywell-sports-village/>] where students can make use of our fitness suite, spinning studio and classes for competitive rates. You don't have to be studying sport to get involved in the Sports Academy [<https://www.barnsley.ac.uk/our-departments/sport/sports-academy/>] .

## Additional Learning Support

Our Additional Learning Support team can provide you with the support you need. Please contact them on +44 (0)1226 216 769.

## English and Maths

Having good English and Maths qualifications are important for most careers and we want to give you the help you need to succeed.

If you are aged 16 – 19 and don't already have a grade C/4 or above in GCSE English and Maths they will automatically be included in your study programme. If you want to work towards higher grades in English and Maths we can help you do that too.

Need a higher level Maths qualification? We offer a [Level 3 Mathematical Studies \(Core Maths\)](#).

This can be added to your study programme.

If you need any further information, please contact our friendly [Information Team](#).

## Disclaimer

Please note we reserve the right to change details without notice. We apologise for any inconvenience this may cause.

**Last updated:** 12th December 2023

### Want to apply?

Visit <https://www.barnsley.ac.uk/apply> to get started

Call us on **01226 216 123**