

Engineering

Electrical Installation Level 3 (Part time)

In Brief

Start Date / Duration

The course will start on September 2025 and will run for 18 months. (term time only) Classes are expected to run on a Tuesday and Wednesday evenings from 5.30pm until 8.30pm.

Entry Requirements

- Aged 19+
- Grade 4 (C) or above in both Maths and English
- Level 2 Qualification in Electrotechnical craft (2365) or Technical Certificate in Electrical Installation(8202-20)

You will achieve

Advanced Technical Diploma in Electrical Installation (450), City and Guilds, Level 3

Course Overview

The Level 3 Advanced Technical Diploma in Electrical Installation (450) are for learners who are interested in developing the specific technical and professional skill that will lead to meaningful employment in the electrotechnical industry. Learners will explore a wide range of industry areas including principles of electrical science, inspection and testing, and electrical system diagnosis, all to the current edition of the wiring regulations.

This technical qualification focuses on the development of knowledge and practical skills needed for working in the electrotechnical industry, which will prepare you to enter an electrotechnical apprenticeship programme. On completion of the Apprenticeship, the learner will be recognised by the industry as competent as an installation or maintenance electrician

Course Content

The qualification will help you gain an understanding of the skills required within the electrotechnical sector. You will cover compulsory aspects such as:

- Working safely and effectively
- Design, construct, test and commission electrical systems
- Methods of supervision
- Electrical science and principles
- Regulations and law
- Diagnose and repair electrical faults.

How will I be assessed?

The exam is externally set and externally marked, and will be paper-based only.

The exam is designed to assess the candidate's depth and breadth of understanding across content in the qualification at the end of the period of learning, using a range of question types and will be sat under invigilated examination conditions.

The synoptic assignment is externally set, internally marked and externally moderated. The assignment requires candidates to identify and use effectively in an integrated way an appropriate

selection of skills, techniques, concepts, theories, and knowledge from across the content area. Candidates will be judged against the assessment objectives.

What Equipment Will I Need?

Textbook resources : City and Guilds text book 2, On site guide to the wiring regulations, BS7671 IET wiring regulations (minimum)

Where will I study?

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

What can I do next?

This technical qualification focuses on the development of knowledge and practical skills needed for working in the electrotechnical industry, which will prepare you to enter an electrotechnical apprenticeship programme. On completion of the Apprenticeship, the learner will be recognised by the industry as competent as an installation or maintenance electrician. Once qualified, there are many further specific and specialised qualifications enhancing skills within the industry, such as electrical design, inspection and testing, appliance safety and environmental technology systems. Universities accept this qualification, if wanting to pursue electrical engineering academically including HNC's and HND's.

How much does the course cost?

This course costs £3345. There may be funding available for this course depending on your circumstances. Please see the drop-down option below for more details

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.](#)'

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] . 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.

Free Courses For Jobs

If you are aged 19 or over, you may not have to pay for this course if:

- You do not already have a level 3 qualification OR
- You already have a level 3 qualification or higher but earn below £21,255 annually
- You already have a level 3 qualification or higher but are unemployed and in receipt of a means-tested benefit.

This course is funded by South Yorkshire Mayoral Combined Authority (SYMCA) and/or West Yorkshire Combined Authority (WYCA). You must be living in the South or West Yorkshire regions to qualify for funding.

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]

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.

Last updated: 7th March 2024

Want to apply?

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

Call us on **01226 216 123**