Course Information

CITY OF WOLVERHAMPTON COLLEGE

Electrical

Study Mode: Full Time

Is this course right for me?

If you’re interested in how electrical systems work and want to develop practical skills that are in demand across homes, businesses and industry, our Electrical Installation courses provide an excellent route into the electrotechnical sector.

You’ll develop the technical knowledge, practical ability and professional behaviours needed to progress towards becoming a qualified electrician. Through a combination of workshop-based learning and classroom study, you’ll gain experience of electrical installation in domestic, commercial and industrial environments while learning how to work safely and effectively to industry standards.

Whether you are starting your journey in the industry or progressing towards higher-level technical qualifications, these programmes provide a clear pathway into apprenticeships, employment and further study.

Additional course information

Industry-standard training

You’ll learn within specialist electrical workshops, gaining practical experience using industry-standard tools, equipment and materials.

Strong employer links

As part of your studies, you’ll benefit from our strong relationships with employers across the construction and electrical sectors. These partnerships help ensure training remains relevant and up to date through:

- Employer-led activities and demonstrations
- Industry guest speakers
- Work placement opportunities
- Access to industry-standard equipment
- Careers advice and progression guidance

Qualifications available

- City & Guilds Level 1 Diploma in Electrical Installation (7202)

City & Guilds Level 2 Technical Certificate in Electrical Installation (8202)

- City & Guilds Level 3 Diploma in Electrical Installation

The qualification level you study will depend on your previous qualifications, experience and career goals

Entry Requirements

For external applicants:

Level 1 Electrical Installation

- Four or more GCSEs at Grade 3 or above, including English, and maths at Grade 4 or above
- Attend an interview with a member of the admissions team
- Complete a short online assessment
- Demonstrate good attendance, punctuality and a positive attitude to learning

Applications from adults with relevant industry or work experience will be considered on an individual basis.

Level 2 Electrical Installation

- Level 1 Electrical Installation qualification
- GCSE English at Grade 4 or above
- GCSE maths at Grade 4 or above
- Good attendance, punctuality and commitment to learning

Applications from adults with relevant industry experience will be considered on an individual basis.

Level 3 Electrical Installation

- Five GCSEs at Grade 4 or above, including English
- GCSE maths at Grade 5 or above
- A strong record of attendance
- Good attendance, punctuality and a positive attitude to learning

For internal progression learners (already studying with us):
Learners must be able to demonstrate that they:

- Have successfully completed a relevant course that naturally progresses onto this programme, achieving a good standard
- Have improved their English and maths grades since enrolment

Have maintained good attendance and punctuality
- Show a consistently positive attitude to learning

What will I learn?

Level 1

You may study:

- Structure of the construction industry
- Safe working practices
- Environmental and sustainability measures
- Site preparation
- Electrical installation wiring and terminations
- Fabrication techniques
- Electrical science and technology

Level 2

You may study:

- Health and safety and industry practices
- Electrical science
- Electrical installation principles
- Electrical technology
- Installation of wiring systems and enclosures
- Scientific principles of electrical systems

Level 3

You may study:

- Building services systems
- Construction and the built environment industry
- Health and safety legislation
- Electrical regulations and standards

Tools, equipment and materials

- Electrical technologies and systems
- Installation methods and terminations
- Testing and inspection
- Fault finding and diagnostics
- System commissioning and decommissioning
- Electrotechnical engineering principles

What skills will I gain?

By studying Electrical Installation you will:

- Develop practical electrical installation skills
- Learn how electrical circuits operate and are installed
- Gain an understanding of electrical science and technology
- Develop fault-finding and problem-solving techniques
- Learn industry-standard health and safety practices
- Build confidence using specialist tools and equipment
- Develop technical knowledge of electrical regulations
- Improve communication and teamwork skills
- Strengthen numeracy, digital and analytical skills
- Develop the professional behaviours expected by employers

Advanced Level 3 skills

Learners progressing to Level 3 will also develop:

- Testing and inspection techniques
- Electrical fault diagnosis
- System analysis and evaluation
- Advanced installation methods
- Project planning and organisation skills
- Professional electrotechnical working practices

How will I be assessed?

Assessment methods vary depending on the qualification and may include:

- Practical assessments
- Tutor observations
- Projects and assignments
- Multiple-choice assessments
- Online examinations
- Externally assessed exams
- Portfolio evidence

You will receive ongoing feedback throughout the programme to support your progress and development.

What can I do next?

Successful completion of an Electrical Installation qualification can lead to:

- Progression to the next qualification level
- An electrical apprenticeship
- Employment within the electrotechnical industry
- Higher technical qualifications such as HNCs and HNDs
- Degree apprenticeships
- University study in a related subject

Potential career areas include:

- Electrician
- Electrical Installer
- Electrical Maintenance Engineer
- Electrical Technician
- Building Services Engineer
- Industrial Electrician
- Domestic Electrician
- Electrical Apprentice
- Testing and Inspection Technician
- Renewable Energy Installer
- Facilities Maintenance Technician
- Electrical Project Engineer (with further qualifications and experience)

Delivery

Location: Wellington Road Campus

Start Date: 06/09/2027

Day:

Time:

Course Fee:

Course Code: X0053

Study Mode: Full Time

Apply online: **www.wolvcoll.ac.uk/apply**