

Electrical Installation

Why study this course at Riverside College?

Our purpose-built workshop has been developed to accommodate all of the necessary facilities and equipment you could hope for to achieve the best results. Our team of lecturers and assessors are experienced in all types of electrical installation and have a wealth of knowledge to pass on to our learners. Students will use top of the range tools and equipment on the course.

This course is ideal for anyone who wants to work as an electrician. On the course you will learn, develop and practice the skills required to succeed in this industry. Electricians earn on average £35,000 a year or if you become self-employed the rewards can be limitless. By choosing Riverside College you will have the opportunity to study in industry standard workshops and develop the skills to progress in electrical engineering.

Are there any costs associated with this course?

Learners will be expected to purchase a recommended course book, and provide their own safety footwear, PPE and stationery.

Enrichment opportunities

The College has a full enrichment programme and all learners are expected to make the most of their time with us, why not enjoy your free time with your tutor group. New enrichment activities include; various sports tournaments, table tennis, X-Box competitions, remote control model racing. There will also be various trips and visits throughout the year.

Work experience

During the course all learners are encouraged to gain work experience in order to make the transition to the workplace as smooth as possible.

The practical work you will undertake will prepare you for real life situations. You will also complete out of college projects designed to support the community and allow you to gain valuable experience on site.

How will I be assessed?

Assessment is carried out on all practical tasks throughout the year, which will be graded Pass, Merit or Distinction. You will also be assessed through online and paper-based theory exams at the end of each theory unit.



Constructions Skills Centre Outstanding workshops and facilities

Students studying construction courses at Riverside College will benefit from the exceptional workshops and facilities in our £3.6 million Construction Skills Centre. We offer training in a wide range of trades including plumbing, carpentry & joinery, brickwork, electrical installation and painting & decorating.



Unique Experience Construction

- New Gas Training Centre
- Work experience for all students
- Extensive links with local and national employers including Halton Housing, Bell Group, Johnstone's Paints, Dulux, Wolseley (formerly Plumb Centre), Paslode, Travis Perkins, Metso, Bloor Homes and Jewson
- Take part in WorldSkills and other regional and national competitions

City and Guilds Diploma Electrical Installation Level 1 Diploma - 1 Year

Entry Requirements

Four GCSEs Grade 9 – 3, including Maths and English Language. You will also need a good understanding of science.

What will I learn on this course?

- Electrical science
- Installation of wiring systems
- Communication within the building services / engineering industry

What will this course lead on to?

On successful completion of this course, you could progress to the Level 2 Diploma in Electrical Installation. Alternatively, you could also apply for an electrical apprenticeship.

City and Guilds Diploma Electrical Installation Level 2 Diploma - 1 Year

Entry Requirements

Four GCSEs Grade 9 – 4, including Maths, English Language and Science. Or the completion of a Level 1 Diploma in Electrical Installation. Plus 9 – 4 in English Language and Maths.

What will I learn on this course?

The course will cover topics including:

- Electrical science
- Electrical installations technology
- Installation of wiring systems
- Solar photovoltaic
- Micro-renewable energies
- Communication within the building services / engineering industry

What will this course lead on to?

On successful completion of this course, you could progress to the Level 3 Diploma in Electrical Installation. Alternatively, you could also apply for an electrical apprenticeship.

City and Guilds Diploma Electrical Installation Level 3 Diploma - 1 Year

Entry Requirements

You must have successfully completed Level 2 Diploma in Electrical Installation (C&G 2330 Level 2 or (C&G 2365 Level 2) and GCSE Grade 4 in English and Maths.

What will I learn on this course?

The course will cover topics including:

- 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

This course is recognised by leading employers as ensuring you are 'ready to work' will make your CV stand out with an impressive mix of technical skills and 24 key workplace skills.

You will be expected to complete extended learning throughout the year in order to prepare for an end of year theory exam.

What will this course lead on to?

You can progress on to an Apprenticeship in Electrical Installation or employment in electrical or affiliated industries. UCAS points at Level 3 for progression to university.



Riverside College

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