

ELECTRICAL INSTALLATION

Level 1 Diploma in Electrical Installation
Level 2 Technical Certificate in Electrical Installation
Level 3 T Level Electrical Installation



COURSE FEATURES

- Centre of Excellence in Engineering with state-of-the-art equipment and facilities.
- Students make UK squad at World Skills annual competitions.
- Quality work experience opportunities.
- Extensive links with employers including Galliford Try, Taylor Wimpey and Bloor Homes.

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 at practical tasks, 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.

COURSE LENGTH

Level 1 and Level 2 are full-time for one academic year
Level 3 are full-time for two academic years.

CAREER PROSPECTS

- Electricians can earn an average salary of £36,174
- Auto Electricians £23k - £32k
- Electricity Generation Workers £19k - £35k
- Electricity Distribution Workers £21k - £35k

WHAT WILL I STUDY?

The Levels 1 and 2 courses include these elements: working effectively and safely in the electro technical environment; principles of electro technology; application of health, safety and electrical principles; and installation (buildings and structures). The practical assignments cover measuring and recording single phase and three phase voltages and currents, and completing an electrical installation. You will practise interview techniques, study rights and responsibilities at work.

As the core content you will develop a general understanding of the following topics relating to the construction industry: health and safety; science principles; design principles; the built environment; sustainability principles; measurement principles; building technology principles; construction information and data principles; relationship management; digital technology; commercial/business principles; building services engineering systems; maintenance principles; tools equipment and materials.

You will also study a number of specific electronelectrical topics within the industry specialism Electrotechnical Engineering.

HOW WILL I BE ASSESSED?

You will complete an online, multiple choice examination and two practical assignments.

At **Level 3** you will also complete an exam.

WHAT CAN I PROGRESS TO?

You can progress from **Level 1** to **Level 3**. You could also develop a successful career through apprenticeships.



If you have any queries please contact our Admissions Team: **01942 761 111**
or email: applications@wigan-leigh.ac.uk

Taylor
Wimpey

GallifordTry

Wigan & Leigh
College