

# INSTALLING ELECTROTECHNICAL SYSTEMS AND EQUIPMENT LEVEL 3

Subject Area  
Student Type  
Study Mode

Construction &  
Construction Trades  
Adults  
Part Time

## What is the course about?

This qualification is for candidates that have already completed a Level 3 Diploma or Technical qualification in Electrical Installation and are looking to widen their experience and occupational competence by completing the level 3 NVQ. Candidates will typically already be in employment/self-employed in the Building Services Sector of the Construction Industry.

The broad purpose of the qualification is designed to provide individuals with the necessary skills and knowledge to work effectively as an Electrician with the view of completing their AM2 in the near future. The course also includes the Level 3 Award in the Requirements for Electrical Installations BS 7671:2018 known at the 18<sup>th</sup> edition.

## Why should I choose the course?

Industry Recognition:

The qualification is nationally recognised within the UK, providing credibility and legitimacy within the industry. Employers often seek candidates with recognised qualifications when hiring for electricians.

Industry Demand:

There is a consistent demand for skilled electricians, making it a stable career choice. Electrical systems are essential in both residential and commercial buildings, ensuring ongoing demand for qualified professionals.

Career Opportunities:

Completion of this course opens up various career opportunities in the electrical industry. Whether working for an electrical firm, contractor, or through self-employment, qualified individuals have a range of options to explore.

## What will I learn?

While completing the Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment students can expect to learn a wide range of practical skills and theoretical knowledge relevant to the Electrical sector

Here are some of the key areas typically covered in the course:



**Warrington  
& Vale Royal  
College**

Warrington Campus  
Winwick Rd, Warrington WA2 8QA

 [wvr.ac.uk](http://wvr.ac.uk)

 01925 494 494

Winsford campus  
Weaver St, Winsford CW7 4AH

 [learner.services@wvr.ac.uk](mailto:learner.services@wvr.ac.uk)

#### Preparing to Undertake Electrical Work:

Planning and preparing for electrical installations, including risk assessments and method statements.

#### Carrying Out Electrical Work:

Practical experience and demonstration of competence in carrying out electrical installations.

#### Maintaining Electrotechnical Systems and Equipment:

Skills for maintaining and servicing existing electrical installations and equipment.

Additional to this qualification you will also study and complete the Level 3 Award in the Requirements for Electrical Installations BS 7671:2018

The Level 3 Award in the Requirements for Electrical Installations BS 7671:2018, also known as the 18th Edition Wiring Regulations course, is designed to provide you with an in-depth understanding of the latest wiring regulations. Here's what you will study on this course:

#### Core Areas of Study:

##### Scope, Object, and Fundamental Principles:

Understanding the scope and application of the BS 7671 regulations.

Learning about the fundamental principles that underpin safe electrical installations.

##### Definitions:

Familiarisation with key terms and definitions used within the regulations.

##### Assessment of General Characteristics:

Learning how to assess the general characteristics of electrical installations, including external influences, supply characteristics, and environmental considerations.

##### Protection for Safety:

Understanding requirements fo



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# How is the apprenticeship delivered?

This course is delivered over a 18-month period (but can be completed earlier than this)

You will attend the following sessions face to face sessions held at the Warrington campus:

six face to face sessions to guide and support you through your portfolio with targets set as appropriate. These dates will be spread throughout the year and held face to face at the Warrington campus.

An additional three face to face sessions to study the theoretical knowledge for the Level 3 Award in the Requirements for Electrical Installations BS 7671:2018 (18<sup>th</sup> Edition) with an additional day required to sit the exam.

You will also have four direct observations in the workplace to cover a range of elements to complete your NVQ portfolio. You must have a qualified electrician working with you to sign off your competence.

\*If you have already completed the Level 3 Award in the Requirements for Electrical Installations BS 7671:2018 (18<sup>th</sup> Edition) there will be a reduction in course fees of £400.

\*If you do not complete the qualification within the 18-month period, and the four workplace observations, additional costs may be incurred at £100 per workplace observation.

## What will the course lead on to?

A sustained career in the building services sector with the opportunity to progress on to additional qualifications and higher-level apprenticeships, such as the following

- Completion of the AM2 assessment

Level 4 Construction Site Supervisor

## What support is available?

You will be allocated a designated assessor to guide you through your course. We also have a team of staff dedicated to providing learning support if it is required and a welfare team that are on hand to offer guidance, support and help when needed.



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# Why should I choose to study the course at Warrington & Vale Royal College?

We are one of the top performing further education colleges for apprenticeships. More than 9 out of 10 of our apprentices continue in employment or receive a promotion once they have finished their apprenticeship. We also have a dedicated matching service where we match your skills to a suitable employer, and our experienced team will work with you to guide you through your apprenticeship.

## What are my funding options?

Please contact our friendly Learner Services team on 01925 494444 or email [Learner.services@wvr.ac.uk](mailto:Learner.services@wvr.ac.uk)

## Are there any additional costs associated with the course?

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