

# Training

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## Solar Photovoltaics Installer Course

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*Excellence in Skills*

## Overview:

This 3-day course is aimed at experienced domestic and commercial electricians, who wish to include Solar PV in their offering. This course would also be suitable for electricians who are responsible for the maintenance of Solar PV units. Completion of this course will provide you with Level 3 Certification, increasing your credibility and giving you the competitive edge, as well as showing your customers that you are trained to the highest of standards.

## What does the course cover:

The Solar Photovoltaic Installation Course will provide candidates with detailed explanations as well as practical examples of the Applicable Regulations and Guidance, and will cover the following topics;

- Background to market and grant funding routes (including MCS)
- Regulations and standards
- Health & Safety considerations
- AC & DC theory
- PV cell types and benefits
- PV external and internal site survey requirements
- Solar PV circuit design
- PV system design and integration
- Setting to work and commissioning
- Solar PV servicing and fault finding

## How will you learn and be assessed:

The Solar Photovoltaic Installation Course entails both classroom and practical training, and there will be a practical observed assignment, theoretical and multiple-choice assessment at the end of day 3. The assessments are open book and use the applicable standards and regulations. During the training candidates will have the opportunity to work with two different types of fully functioning modules and inverters, including roof mounting kits as well as work on live equipment.

**Note:** This course does not get you MCS Accreditation. However, it will enable you to meet the training entry requirements for the [Microgeneration Certification Scheme \(MCS\)](#).

## Pre course training requirements:

The course is designed for experienced domestic and commercial electricians, you need to hold the following Qualifications to enroll on this course:

- Proof of apprenticeship or up-to-date grade card
- SELECT Requirements for Electrical Installations to BS 7671:2018 qualification (**course 218**) – must be dated from July 2018 onwards (or equivalent certificated qualification)
- Either SELECT Initial Verification (**course 209**) or Inspection & Testing (including periodic inspection) **course 214** (or equivalent certificated qualification)

### What do you need to bring to the course:

- Requirements for Electrical Installations (18th Edition Wiring Regulations)  
BS 7671:2018+A2:2022 (Brown Book)

### Who is the awarding organisation for this course:

[LCL Awards](#) You will receive your certificate approximately 4 to 6 weeks following successful completion of the course.

### How do you book:

This course is currently only available to SELECT Members for Scottish locations. If you are a SELECT Member, please contact SELECT training (0131 445 5577) for your unique booking code, alternatively e-mail [training@select.org.uk](mailto:training@select.org.uk).

The course is then booked and paid for through the [GTEC Training website](#).

<b>Presenters:</b>	GTEC Training Staff
<b>Fees:</b>	SELECT Members - £660 + VAT (£792)