

# Solar PV Installation Course

## City & Guilds 2399

Contact your local TLC branch for course prices and availability. [www.tlc-direct.co.uk](http://www.tlc-direct.co.uk)



### Course code TS4U-PV

The Solar PV industry has suddenly come to life! with Buy back tariffs and many installation companies offering free installation deals, qualified PV installers are in great demand and the jobs are there. This course addresses that demand, and coupled with electrical experience or electrical training of the sort we offer, you can get involved.



**You can become a Solar PV Installer, here's how.**

**This City & Guilds 2399 Certificate is intended for qualified electricians including recently trained Domestic Installers who want to install grid connected domestic photovoltaic systems that are either integrated into, or retro fitted onto, a domestic property.**

This is a training course, we show you how to do it and give you the qualification to prove your competency. To install grid connected equipment, you will have to join a (MCS) Micro Generation Scheme.

It is expected that candidates will be practicing electricians or domestic installers and have appropriate qualifications related to electrical installation, knowledge of the IEE Wiring Regulations 17th edition and inspection and testing qualifications i.e the City & Guilds 2392.

The Tradeskills4U career package TS4U-17 Bronze package is the minimum you would require.

The qualification is designed to offer specific skills and knowledge to candidates to ensure they are conversant with the Regulations and Codes of Practice related to Solar PV systems.

The Department of Trade and Industry (DTI) supports the recognition of qualified personnel within this initiative and sees PV systems as an essential part of the Government energy policy.

This qualification has been designed by City & Guilds to support Government initiatives in respect of providing training and assessment to support a competent workforce to meet the expected high growth in relation to renewable energy sources.

**The award is made of two units.**

The first unit describes the underpinning knowledge that is required to understand the theory behind PV systems, related Regulations, safety requirements and installation and testing.

The second unit is concerned with the application of practical skills in carrying out installation and testing.

The topics covered during the course include the following:

- We train you on real life scenarios, on properly constructed roofs, erected scaffolding, using working at heights kit including harnesses and manual handling equipment.
- Photovoltaic systems, real solar panels!
- Standards and Regulations/Guidelines and Codes of Practice
- Safety, scaffolding and harness equipment
- PV system components
- Working at Heights
- Installations, fitting panels to a roof, roofing construction and differing tile types.
- Commissioning and testing, connecting to the grid.
- Customer care, the science and the advice to give to your customer to ensure a properly working and efficient installation.
- Course certification is awarded upon successful completion of both the written and practical assessments, this certificate can then be used as evidence of your training and ability to install and commission PV systems.
- **With this qualification together with your electrical experience and qualifications will enable you to join a Microgeneration Certification Scheme (MCS) operated by organisations like NICEIC, LOGIC etc.**

