



## Course Calendar July – September 2010

Day	Start Date	Course	Location	Days	Price*
Tues	6 <sup>th</sup> July	Solar PV Installation Course	Chesterfield	3	£595
Wed	7 <sup>th</sup> July	Renewable Energy Awareness	Chesterfield	2	£345
Fri	9 <sup>th</sup> July	Work at Height (for solar)	Chesterfield	1	£145
Mon	12 <sup>th</sup> July	Work at Height (for solar)	Surrey	1	£145
Mon	12 <sup>th</sup> July	Work at Height (for solar)	Chesterfield	1	£145
Tues	13 <sup>th</sup> July	Solar PV Installation Course	Chesterfield	3	£595
Tues	13 <sup>th</sup> July	Solar PV Installation Course	Surrey	3	£595
Mon	19 <sup>th</sup> July	Work at Height (for solar)	Chesterfield	1	£145
Tues	20 <sup>th</sup> July	Solar PV Installation Course	Chesterfield	3	£595
Thurs	22 <sup>nd</sup> July	Solar Photovoltaic (PV) Sales	Chesterfield	1	£395
Mon	26 <sup>th</sup> July	Work at Height (for solar)	Surrey	1	£145
Mon	26 <sup>th</sup> July	Work at Height (for solar)	Chesterfield	1	£145
Tues	27 <sup>th</sup> July	Solar PV Installation Course	Chesterfield	3	FULL
Tues	27 <sup>th</sup> July	Solar PV Installation Course	Surrey	3	£595
Fri	30 <sup>th</sup> July	Solar Photovoltaic (PV) Sales	Surrey	1	£395
Mon	2 <sup>nd</sup> Aug	Solar PV Installation Course	Surrey	3	£595
Mon	2 <sup>nd</sup> Aug	Work at Height (for solar)	Chesterfield	1	£145
Tues	3 <sup>rd</sup> Aug	Solar PV Installation Course	Chesterfield	3	£595
Thurs	5 <sup>th</sup> Aug	Work at Height (for solar)	Surrey	1	£145
Mon	9 <sup>th</sup> Aug	Work at Height (for solar)	Chesterfield	1	£145
Tues	10 <sup>th</sup> Aug	Solar PV Installation Course	Chesterfield	3	£595
Mon	16 <sup>th</sup> Aug	Solar PV Installation Course	Surrey	3	£595
Mon	16 <sup>th</sup> Aug	Work at Height (for solar)	Chesterfield	1	£145
Tues	17 <sup>th</sup> Aug	Solar PV Installation Course	Chesterfield	3	£595
Thurs	19 <sup>th</sup> Aug	Work at Height (for solar)	Surrey	1	£145
Fri	20 <sup>th</sup> Aug	Solar Photovoltaic (PV) Sales	Surrey	1	£395
Mon	23 <sup>rd</sup> Aug	Solar PV Installation Course	Surrey	3	£595
Mon	23 <sup>rd</sup> Aug	Work at Height (for solar)	Chesterfield	1	£145
Tues	24 <sup>th</sup> Aug	Solar PV Installation Course	Chesterfield	3	£595
Thurs	26 <sup>th</sup> Aug	Work at Height (for solar)	Surrey	1	£145
Fri	3 <sup>rd</sup> Sept	Solar Photovoltaic (PV) Sales	Chesterfield	1	£395
Mon	6 <sup>th</sup> Sept	Solar PV Installation Course	Surrey	3	£595
Mon	6 <sup>th</sup> Sept	Work at Height (for solar)	Chesterfield	1	£145
Tues	7 <sup>th</sup> Sept	Solar PV Installation Course	Chesterfield	3	£595
Thurs	9 <sup>th</sup> Sept	Work at Height (for solar)	Surrey	1	£145
Fri	10 <sup>th</sup> Sept	Solar Photovoltaic (PV) Sales	Surrey	1	£395
Mon	13 <sup>th</sup> Sept	Work at Height (for solar)	Chesterfield	1	£145
Tues	14 <sup>th</sup> Sept	Solar PV Installation Course	Chesterfield	3	£595
Mon	20 <sup>th</sup> Sept	Solar PV Installation Course	Surrey	3	£595
Mon	20 <sup>th</sup> Sept	Work at Height (for solar)	Chesterfield	1	£145
Tues	21 <sup>st</sup> Sept	Solar PV Installation Course	Chesterfield	3	£595
Thurs	23 <sup>rd</sup> Sept	Work at Height (for solar)	Surrey	1	£145
Mon	27 <sup>th</sup> Sept	Work at Height (for solar)	Chesterfield	1	£145
Tues	28 <sup>th</sup> Sept	Solar PV Installation Course	Chesterfield	3	£595
Thurs	30 <sup>th</sup> Sept	Solar Photovoltaic (PV) Sales	Chesterfield	1	£395

\* Prices exclude VAT



## Solar Photovoltaic (PV) Systems Installation Course

Solar PV installers have become highly sought after because of the financial incentives put in place for customers of all sorts who have PV installed. We are in a unique period for the next year while grant funding and “Clean Energy Cash Back” incentives are crossing over; making microgeneration systems pay for themselves much, much faster.

- Until April 2010 **households can get up to £2500** in grants from the main government fund and local additional funding is also widely available.
- Commercial businesses can get 0% interest loans from the Carbon Trust for energy saving equipment, which in many cases the energy savings and “Clean Energy Cash Back” will cover the loan repayments.
- “Clean Energy Cash Back” rates set to be guaranteed for at least 20 years.

In order to access these incentives, an accredited installer must be used through the Microgeneration Certification Scheme (MCS). The MCS is an independent scheme that certifies microgeneration products and installers in accordance with consistent standards. You can join the scheme through several different operators, such as NAPIT, Elecsa, CORGI and BRE.

The good news is that as an electrician **you already have most of the skills** and qualifications needed to install the systems and get registered onto the MCS. Usually, all you need is a short (technology-specific) course to “top-up” your knowledge and qualifications.

### **Course Outline:**

Covers everything a budding MCS PV installer needs:

- Solar resource assessment (inc. SAP calcs.)
- G83/1 Grid connection requirements
- AC & DC electrical theory & practical for PV
- Basic roofing structures & integrity issues
- Hands-on PV Panel Mounting
- Mechanical installation of roof fixings
- Setting to work/commissioning
- System testing
- Paperwork and test forms
- Financial incentives, payback + much more

**Certification:** ECO Certification

**Duration:** 3 Days including theory, practical and assessment.

**Location:** Chesterfield, Derbyshire & Mitcham, Surrey.

**Price:** £595 +VAT (Course price includes examination entry fees, lunch and refreshments)

**Interested? You might also like:** Work at Height for Solar Installers and Wind Turbine Installation

**Entry Requirements:** Electrical experience at least to Domestic Installer (Part P) standard. Other academic qualifications may be accepted, but please note this is an installation training course not a PV theory course. Those without any qualifications, but suitable experience may be eligible.



## Safe Work at Height for Solar Installers

If you want to access government grant funding and Feed in Tariffs/Clean Energy Cash Back for your solar customers to save/make them thousands of pounds, you have to get registered onto the MCS (Microgeneration Certification Scheme).

The MCS Installer Standards states explicitly that you must have a training record for Safe Work at Height training (along with technology specific training). This course provides you with that proof of training. It is delivered by a specialist Work at Height trainer who will focus on the practical problems you face and how to deal with them. In Chesterfield, the trainer also provides a PFPE inspection service on the day (for £11.75 per small bag) so bring your own harnesses, lanyards etc. if you want your personal equipment inspected and certified.

### **Course Objectives:**

To recognise the main causes of height-related accidents during the installation process and choose the correct procedures to ensure a safe operation. To select and use appropriate items of access/safety equipment, perform safety checks and use safe techniques in compliance with Work at Height Regulations to minimise risk.

### **Course Outline:**

- Good advice from the Work at Height Regulations
- Access methods
- Controlling height related hazards
- Course includes the fitting of a full body harness
- Practical fall arrest training
- Work positioning techniques

**Certification:** Certificate of attendance

**Duration:** 1 Day

**Locations:** Chesterfield, Derbyshire & Mitcham, Surrey

**Price:** £145 +VAT (Course price includes all fees, lunch and refreshments)

**Interested? You might also like:** Solar Photovoltaics or Solar Hot Water Systems

**Entry Requirements:** None.



## **Solar Photovoltaic (PV) Sales Training**

This course is perfect for businesses that are aiming for or already have MCS Certification for PV installations.

As your company grows in this industry, there will come a time when having someone dedicated to winning your company business will need to be **trained quickly and cost-effectively**. Or perhaps you are an independent contractor that needs to freshen up your approach to sales for your new product offering.

What better way to kick-start your understanding than by having them trained by the UK's most experienced PV private training provider who are also MCS Certified PV installers? The course will focus on the hard facts and figures, features and benefits which make PV such an incredibly attractive proposition to customers of all types and sizes.

### **Course Outline:**

Covers everything a budding MCS PV sales professional needs:

- Intro to PV & other solar systems technology
- PV systems components
- Basic AC & DC electrical theory for PV
- Solar resource assessment (inc. SAP calcs.)
- Microgeneration Certification Scheme
- Grants and loans for your customers
- Clean Energy Cash Back (FiTs) Scheme
- Calculating payback periods and ROI
- Selling the key features and benefits of PV
- Sourcing leads & effective routes to market
- Sales in context of a turnkey solution
- Closing the sale: PV vs. the alternatives

**Certification:** ECO Certification, Certificate of Attendance.

**Duration:** 1 Day.

**Locations:** Chesterfield, Derbyshire & Mitcham, Surrey.

**Price:** £395 +VAT (Course price includes lunch and refreshments)

**Interested? You might also like:** BPEC Renewables Awareness CPD.

**Entry Requirements:** None. This course is suitable for anyone involved in the sales process.



## **BPEC Renewable Energy Awareness**

The course material is designed to provide individuals with base level knowledge in the principles of various renewable energy products and systems. The training material will serve both as a means of learning as well as a tool of reference for future use.

This course is not an installer course but designed specifically for individuals who require an introduction to the green energy and environmental technologies involved.

The course offers a nationally recognised qualification through BPEC Certification. The training provided gives a broad understanding of various renewable technologies and also covers payback times, grant scheme and a selection of appropriate renewable energy systems.

Your trainer will pass on their real life installation experiences in the Training room for your benefit.

### **Course Outline:**

The course will cover the following areas:

- Introduction to renewable energy • Heat pumps
- Solar Thermal Hot Water • Solar Photovoltaic (PV) power
- Biomass heating systems • Micro-Hydro power
- Wind power

**Certification:** BPEC Certification

**Duration:** 2 Days, including theory and assessment.

**Location:** Chesterfield, Derbyshire **OR** the course can be delivered at any venue around the country. Please call for details.

**Price:** £345 +VAT (Course price includes assessment and certification, lunch and refreshments)

**Entry Requirements:** None. This is suitable for anybody with an interest in renewable energy and needs to understand the various systems available.