

Solar Source's Certified PV Engineer Course Plan

For further information regarding studying in the UK:

<http://www.bia.homeoffice.gov.uk/studyintheuk>

Accommodation:

For further information regarding local accommodation please get in touch with Solar Source. We offer advice and access to rented accommodation in the area.

Finding Us:

We are situated between Cardiff and Newport in South Wales, UK, just off the A48 – detailed map available from:

<http://www.multimap.com/maps/?hloc=GB|cf3%202pu>

5 Week Course Overview:

1.	10:00-13:00	Introduction to Renewable Energy	LR	Week 1
2.		Introduction to Photovoltaics (PV)	LR	
3.		PV Cell Technology	LR	
4.		PV Cell Construction	SS	
5.		Centre for Alternative Technology Study Visit, Machynlleth, West Wales	07:00-18:00	
1.		Introduction to PV System Components	LR	Week 2
2.		PV Module Construction	SS	
3.		Inverter Company Presentation	SS	
4.		Battery Company Presentation	SS	
5.		Charge Controller Company Presentation	SS	
		Cardiff Bay Trip	12:30-18:00	
1.		Introduction to Designing PV Systems	LR	Week 3
2.		PV System Sizing – Group Exercises	SS	
3.		PV System Sizing Software / Revision	SS	
4.		Revision		
5.		Theory Examination	LR	
		Caerphilly Castle Trip	12:30-18:00	
1.		Introduction to PV System Installation	LR	Week 4
2.		Understanding PV System Components	SS	
3.		PV System Component Connection	SS	
4.		PV System Troubleshooting	SS	
5.		PV System Workshop - Questions + Answers	SS	
		Brecon Beacons National Park Trip	12:00-20:00	
1.		Revision		Week 5
2.		Practical Exam	SS	
3.		Results > Information collection day	SS	
4.		PV Site Visit		
5.		Certificate Presentation > Reception/Farewells	LR	



LR = Lecture Room



SS = Manufacturing Plant



CAT, Machynlleth



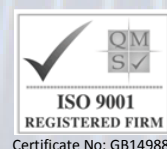
Cardiff Bay



Caerphilly Castle



Brecon Beacons



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