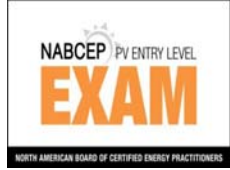




Photovoltaics: Entry Level Knowledge Course

(This course is approved by the North American Board of Certified Energy Practitioners-)




Sponsors:



This 40 hour course introduces the fundamentals of PV System Installation and Maintenance Procedures. The class is divided between classroom based lectures and project based activities. Attendees who complete this course are eligible to take the NABCEP Entry Level Knowledge of PV Systems Exam. Other course objectives include:

- Identify safety hazards associated with the installation, operation and maintenance of PV Systems.
- Calculate simple circuit values and measure them with a multi-meter.
- Identify factors that reduce/enhance PV Systems performance.
- Identify key output values of solar modules using manufacturer data.
- Label key points on a typical Current and Voltage (IV) curve.
- Compare features & benefits of the most common solar module mounting techniques.
- Determine series/parallel PV array arrangement based on module and inverter specifications.



PV: Entry Level Knowledge Course	Placement Test
When: Saturday, 3/13/10; Friday, 3/19/10; Saturday, 3/20/10; Friday, 3/26/10 and Saturday, 3/27/10. Time: 7:30 am - 4:30 pm Where: IEC-NE Training Facility, Rocky Hill, CT Book: <i>Photovoltaic Systems</i> , 2nd Edition. Authored by James Dunlop; published by American Technical Publisher. <i>(This book is required for class; there is a pre-class reading assignment.)</i> Instructor: Richard Lawrence of Cape Cod Community College has a Master's of Science in Education from Lesley University. He is an expert on renewable energy topics and has been teaching solar, wind and other forms of sustainable energy courses since 2002. He has conducted numerous professional development workshops for electricians and other building professionals. He was one of the first instructors in the country to offer a NABCEP Entry Level Knowledge Course, and has taught many such courses in the last several years.	When: Wednesday, 4/14/10 Time: 5:30 pm - 7:30 pm Where: IEC-NE Training Facility, Rocky Hill, CT 

IEC New England Registration Form for PV Entry Level Knowledge Course
Pre-registration is required and space is limited. (You can also register on-line at www.iecne.org)

Attendees(s): *(please copy form for additional attendees)* _____

Company Name: _____ Email: _____

Company Address: _____ City/State: _____ Zip: _____

Phone: _____ Fax: _____

Payment Information: Make check payable to IEC-NE or use MC/VISA.

MC/VISA #: _____ Exp. Date: _____ Billing Zip Code _____

Security Code *(on back of card)*: _____ Card Holder's Street Address: _____

Name as it appears on card: _____ Signature: _____

PV: Entry Level Knowledge Course Fees:	Placement Test Fees:	Grand Total
Members _____ @ \$750\$ _____	Members _____ @ \$89 \$ _____	\$ _____
Non-Member _____ @ \$950.....\$ _____	Non-Member _____ @ \$99 \$ _____	
Book _____ @ \$100(not included in reg. fee).....\$ _____		

REFUND POLICY: A full refund, minus a \$25.00 administrative fee, will be given if notification of cancellation is made 10 days prior to the training. After that date, no refund will be given and no-shows will be billed.