



**\*Meets Master Electrical License Renewal Requirements\* Call for details.**

## IEC Chesapeake Apprenticeship & Training, Inc. & Bucks County Community College PV Systems & the NEC

The 7 hours, one-day session will cover the National Electrical Code (NEC) requirements for designing and installing PV systems. A basic knowledge of the NEC is required since Code basics will not be addressed. Conductor selection, ampacity calculations and overcurrent devices and disconnects will be covered. How to do it correctly and what not to do are items on the agenda. The focus will be on utility-interactive systems. Electricians, electrical inspectors and PV installers should attend. PV installers will receive 6 hours of NABCEP (North American Board of Certified Energy Practitioners) continuing education credits for the course.

**Where:** Newtown Campus, Gateway Auditorium  
275 Swamp Road  
Newtown, PA 18940

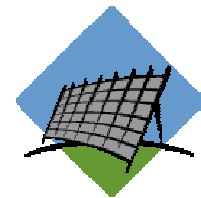
**When:** Thursday, November 5, 2009  
*Minimum of 60 registrations to make class.*

**Time:** 8 AM – 5:00 PM (Registration opens at 7:30 AM)

**Fee:** \$75 IEC Members \$100 Non Members

*Fee includes lunch and copies of 2005 PV/NEC Suggested Practices Manual, Power Point text Slides, and Inspector Checklist.*

**Instructor:** John Wiles – Program Manager at the Southwest Technology Development Institute at New Mexico State University. He assists the PV industry, electrical contractors, electrical inspectors, and purchasing agencies in understanding the PV requirements of the NEC. John serves as Secretary for an NFPA-appointed Task Group involved with Article 690 of the NEC. Over 30 submissions were accepted for the 2008 NEC and over 54 submissions for the 2011 Code. He drafted the text for Article 690 in the 2005 & 2008 Handbook. Fieldwork involves balance of systems design for PV systems, inspections and acceptance testing of PV systems, test and evaluation of PV components, and design and installation of data acquisition systems.



**Register online:** <http://www.bucks.edu/academics/coned> or by Phone: 215-968-8409

**Make checks payable to: Bucks County Community College**

**Completed forms and payment information should be mailed to:**

**Bucks County Community College, Continuing Education & Workforce Development  
275 Swamp Road, Newtown, PA 18940**

### BCCC Continuing Education Registration Form for Non-Credit Courses - Fall, 2009



Name: <b>PLEASE PRINT</b> _____		Social Security Number: _____		
Signature: <b>X</b> _____				
Home Address: _____		Birthdate: _____		
City: _____		State: _____ Zip: _____		
Home Phone: _____		Work Phone: _____		
Business Name: _____				
Business Address: _____		PA		
Email Address: _____				
Are you taking this course at the request of your employer?		<input type="checkbox"/> Yes <input type="checkbox"/> No		
Do you anticipate being reimbursed by your employer?		<input type="checkbox"/> Yes <input type="checkbox"/> No		
<div style="border: 1px solid black; width: 150px; height: 30px; margin: 0 auto;"></div>				
Course No.	Course Title	Section	Start Date	Fee
			11/05/2009	
			11/05/2009	
			11/05/2009	
Total				\$ -
Student I.D. Number: _____		Check Issued by: _____		
Check Number: _____		Expiration Date: _____		
Credit Card Number: _____				