

Solar Photovoltaic (PV) Electric Systems

One-week 40-hour Intensive — NABCEP Entry Level



Learn the fundamentals of solar photovoltaic (PV) system design and installation in this one-week, 40-hour intensive workshop designed for those interested in the expanding PV industry- including builders, electricians, architects, code officials, construction- and energy-related business owners, teachers, attorneys and elected officials. Sponsored by the Berks-Lancaster Energy Sector Partnership and the Lancaster County Center of Excellence in Renewable Energy.

January 24-28, 2011 or February 7-11, 2011

8 a.m. - 5 p.m.

**Brossman Business Complex
124 E. Main St., Ephrata, PA**

Participants will gain a technical foundation in stand-alone and grid-tied code compliant solar electric systems. The content follows the North American Board of Certified Energy Practitioners (NABCEP) learning objectives. Successful completion of this PV course offered by HACC also allows students to take the NABCEP PV Entry Level Exam, which will be offered following the workshop. Instructor is Phil Theis a NABCEP certified trainer.

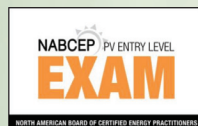
Topics to be covered include:

- PV mechanical and electrical design
- Performance analysis and troubleshooting
- Conservation and efficiency practices
- Course review and test prep
- PV markets and applications
- Electricity and safety basics
- PV module fundamentals
- Hands-on solar workshop
- PV system components and sizing

The course costs \$1,050 which includes lunch, text, materials, and fee for taking the NABCEP PV Entry Level Exam. Employees of companies in Berks and Lancaster Counties qualify for a \$525 subsidy from the Berks-Lancaster Energy Sector Partnership.

For more information and questions about accommodations in the vicinity, contact Cheryl Deitz, coordinator, HACC Workforce and Economic Development Division, at 717-221-1338 or via e-mail at chdeitz@hacc.edu

To register, call 717-780-2414 or 717-780-2616. Section number is 63107.



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Lancaster County Center of Excellence
in Renewable Energy