



5-Day Solar Electric (Photovoltaic) Certification Workshop

October 6 – 10, 2016

University of Dayton
Dayton, OH

Solar Electric (PV) is now cheaper than continuing to pay your electric company. And the government even has money to help you pay for it. Come learn the facts.

Whether you are a home owner or a business owner thinking of installing solar electric (photovoltaics) on your site, or an architect or engineer who WILL be asked to give an informed opinion on PV by future customers, or someone who wants to join one of the fastest growing industries in the US – this workshop is for you.

You will work with a working PV system, dismantling and reinstalling it, trouble-shooting and ensuring its proper operation. You will learn how to integrate battery back-up. You will learn the various options such as grid-tied, stand-alone, micro-inverters and power optimizers. The course concludes with an industry-recognized certification examination.

This course will focus on:

- Basic Principles and Concepts of Power
- Basic Principles and Concepts of Photovoltaics
- The Economics of Photovoltaics
- Photovoltaic System Options and Components
- Standard system configurations
- Site assessment
- Designing a PV system
- Battery Systems
- System Installation
- Permits and Required Agreements
- Testing and Commissioning the System
- System Maintenance and Troubleshooting



Contact Blue Rock Station at 740-674-4300, www.bluerockstation.com or Green Energy Ohio at 614-985-6131, www.greenenergyohio.org for further details or to register.

This is an introductory but technical course on the design and installation of solar electric systems within residential and light commercial structures. Blue Rock Station has been approved as a Landscape Architecture Continuing Education System provider. This course has been approved for 35 hours of LA CES health, safety, and welfare Professional Development Hours. It appears to comply with the AIA definition of Health, Safety and Welfare (HSW) – related training. While the Engineering organizations do not pre-approve courses, this structured course also appears to meet the qualification requirements for 35 hours Continuing Professional Development Education hours as defined by the State Board of Registration for Professional Engineers and Surveyors. Blue Rock Station maintains records and issues certificates and course content materials that comply with most continuing education requirements for professional designations in the architecture and/or engineering fields.



UNIVERSITY of
DAYTON | The
ETHOS Center