



Fulton-Montgomery
Community College

Futures Made. Here.

MAIN CAMPUS
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Ext. 8300
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2805 State Hwy. 67
Johnstown, NY 12095

FM at
The Riverfront Center
518-843-5031
1901 Riverfront Center
Amsterdam, NY 12010

fmcc.edu

The Center For Energy Efficiency and Building Science (CEEBS) presents

Introduction to (Solar) Photovoltaic Technology

This class is designed for individuals with strong interest in PV technology as well as those who are considering entering a career in solar electric technology. This course will give you the theoretical basis for understanding the various types of solar electric systems. The course is comprised of 10 learning modules based on NABCEP learning objectives. They are PV Markets and Applications Safety Basics, Basic Electricity, Solar Energy Fundamentals, PV Module Fundamentals, System Components, PV System Sizing, PV System Electrical Design, PV System Mechanical Design, and Performance Analysis and Troubleshooting. The class will also include hands-on training PV exercises and experiments.

The completion of this course will give students a thorough understanding of photovoltaic systems and their applications, as well as the basics for designing, installing, and maintaining them. Students will be prepared to take the North American Board of Certified Energy Practitioners (NABCEP) PV Entry Level Examination.

Prerequisites:

- Basic understanding of electricity and how it works.
- Working knowledge of basic math.
- Working knowledge of hand tools including power drills, screwdrivers, tape measures, hammers, chalk lines, multi-meters, ect.

Instructor: Todd Stallmer
Training Location: BOCES Career and Technical Center
2755 State Hwy. 67, Johnstown, NY 12095
Room: D 120
Schedule: 45 Hours
3/1/12 3-9:00 p.m.
3/2/12 3-9:00 p.m.
3/8/12 3-9:00 p.m.
3/9/12 3-9:00 p.m.
3/15/12 3-9:00 p.m.
3/16/12 3-9:00 p.m.
3/23/12 3-9:00 p.m.
3/24/12 8 a.m.-4:00 p.m. ~ BPI Exam

Registration Form & Payment Due By: February 23, 2012
Mail or fax to FM Admissions

Equal Opportunity Employer/Program.
Auxiliary aids and services are available upon request to individuals with disabilities.