

Certified Photovoltaic Systems Specialist

Get training to work in the growing clean tech industry



The Certified Photovoltaic Systems Specialist (CPVS) course is an intensive 16-week course that is designed to train a new generation of photovoltaic specialists focusing on the product development, design, installation, and manufacturing of photovoltaic systems. The course includes lectures, computer labs, hands-on solar installation & design workshops and field trips, which are taught by experienced instructors and seasoned solar energy specialists in the industry.

Course Topics include:

- Electrical Principles & Practices
- Basic Auto-CAD Design
- Renewable Energy & Sustainability
- System Components & Sizing
- Site Surveys and Pre-planning
- Charge Controllers & Batteries
- Utility interconnection
- Permits & Inspections
- Maintenance & Troubleshooting
- PV Installation & Practice
- PV Systems Design & Practice
- Thin Film Photovoltaic
- Solar Heating Systems
- Concentrated Photovoltaic Systems
- Financing & Power Purchase Agreement
- Distributed Solar- Project Management

Course Requirements:

High school diploma with 7 years of work experience or AA degree or equivalent with at least 5 years of work experience in any industry.

Upcoming Training Dates:

December 6, 2010 - April 8, 2011

January 10, 2011 - May 2, 2011

February 7, 2011 - May 30, 2011

Course Schedule: (to be confirmed)

Option 1: Monday, Tuesday and Wednesday

6:00 PM - 9:00 PM evening class

Workshop on Saturday morning

9:00 AM-12:00 PM

Option 2: Monday, Wednesday and Friday

1:00 PM - 5:00 PM

This tuition for this program is fully funded under the Trade Adjustment Act, by US Department of Labor.



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