

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:

February 7, 2011 - May 27, 2011

March 7, 2011 - June 27, 2011

April 4, 2011 - July 29, 2011

April 25, 2011 - Aug 19, 2011

Course Schedule: 20 hours/week over 16 weeks

1st month: Monday, Wednesday and Friday
9:30 PM - 5:30 PM

2nd month - 4th month: Tues, Thurs and Friday
9:30 PM - 5:30 PM

The certificate programs of the Clean Tech Institute can be funded under the US Department of Labor Trade Adjustment Act.

For more information, please contact our Training Counselor at 510-657-6266.



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Register on-line at:

www.cleantechinstitute.org

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