

RENEWABLE ENERGY INSTITUTE AT THE ADVANCED TECHNOLOGY COLLEGE

Where: Advanced Technology College, 1770 Technology Blvd., Daytona Beach, FL 32117

Introduction to Solar Thermal (Hot-Water) Systems January 3-6, 2012 • 4-Day Training Course • Registration Fee: \$100 Tuesday - Friday, 8:30 a.m. - 5:30 p.m.

Learn the basics of solar thermal technology and installation of hot water systems.

- Working Safely with Solar Hot Water and Pool Heating Systems
- Adapting Existing Systems to Solar Thermal PV
- Conducting a Site Assessment
- Installing Solar Collectors
- Installing Water Heaters and Storage Tanks
- Installing Piping, Pipe Insulation and Connecting System Piping
- Installing Mechanical/Plumbing Equipment and Other Components
- Installing Electrical Control Systems
- Installing Operation and Identification Tags and Labels
- Performing a System Checkout
- Maintaining and Troubleshooting a Solar Thermal System

No background needed for solar thermal course. Call (386) 506-4224 to register.

Introduction to Solar PV Installation January 10-13, 2012 • 4-Day Training Course • Registration Fee: \$100 Tuesday - Friday, 8:30 a.m. - 5:30 p.m.

Learn the basics of solar installation and solar technology.

- Solar Energy Fundamentals • System Components • PV Systems Sizing Principles
- PV Systems Electrical Design • PV Systems Mechanical Designs
- PV Module Fundamentals • Performance Analysis
- Installation of Utility-interactive PV Systems • Installation of Stand-alone Systems
- Installation of Bimodal PV Systems

Some background in Electrical or Solar systems is required.

For information regarding these two courses and approval to register for the **PV course**, contact Jim Cox. Email: coxj@DaytonaState.edu or call (386) 506-4131.

To register for either course: Contact Joanne Parker
Email: parkerj@DaytonaState.edu or call (386) 506-4224.



* These training programs can be offered at this rate due to the support of the National Science Foundation Advanced Technology Education program. The contribution by the NSF is greatly appreciated.

www.DaytonaState.edu

Space is Limited. Register Now!

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