



Renewable Energy Career Training Options

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& Instructor



making renewable doable

www.altestore.com



About AltE

- Formed in 1999 as Alternative Energy Store
 - Online retail store for solar, wind, micro-hydro, and energy efficient products
- Started teaching classes in 2007
- Changed name to AltE in 2009
 - AltE Store; AltE Direct; AltE U
- Hudson Mill Business Center
 - 43 Broad St, Hudson, MA
 - Global Headquarters and U
 - Offices in Ohio and Costa Rica



About AltE U

- Installer and Homeowner classes
- Homeowner classes are 3 – 4 hour evening and weekends, teaching the basics to educate the public
- Installer classes are multi-daylong classes
 - Lecture and hands-on installations
- Installer classes are IREC Certified to count towards NABCEP certification



NABCEP Certification

- Solar Thermal and Solar Electric Installer Certification
- Voluntary certification that provides a set of national standards for solar installers with skills and experience
- Certification provides protection to the public
 - Credential for judging the competency of practitioners.
- Not intended to replace state licensure requirements.
- Target candidate for NABCEP certification
 - the person responsible for the system installation
 - e.g., contractor, foreman, supervisor, or journeyman

AltE U Accreditation

- **Interstate Renewable Energy Council (IREC)**
 - Non-profit formed in 1982
 - Supports market-oriented services targeted at education, coordination, procurement
 - Implementation and adoption of uniform guidelines and standards, workforce development, and consumer protection
- IREC's mission is to accelerate the sustainable utilization of renewable energy sources and technologies in and through state and local government and community activities.



Interstate Renewable Energy Council



Sample of classes at AltE U

Homeowner Series

- Introduction to Solar Electric for Homeowners
- Introduction to Solar Heating for Homeowners
- Introduction to Residential Wind Power Systems
- Renewable Energy Basics

Installer Series

- Basic PV and Site Assessment for Installers
- Intermediate Photovoltaic Design and Installation
- Advanced PV Design and Installation
- Introduction to Solar Domestic Hot Water for Installers
- Solar Water Heating Design and Installation



Who takes our classes?

- Homeowners
- Companies expanding their offerings
- People looking to change career
- Electricians
- Plumbers
- Roofers
- General Contractors
- Unemployed
- Male and Female
- Young and Old
- Local and multinational
 - USA
 - Canada
 - Chile
 - Jamaica
 - Africa
 - Virgin Islands



Students get jobs as

- Site Assessor
- Solar Electric Installer
- Solar Water Heater Installer
- System Designer
- Technical Sales Rep
- Project Manager



Students in action



Upcoming Hudson, MA classes

Class	When	Cost	Status
PV301: Basic PV for Installers	10/12 -13	\$350	Class Full
PV 302: Int. PV Design & Install	10/14-15	\$500	Class Full
PV 303: Adv PV Design & Install	10/19-23	\$995	Class Full
AltE 101: Renewable Energy Basics	11/3	\$45	Available
PV 301: Basic PV for Installers	11/9-10	\$350	Available
PV 302: Int. PV & Installation	11/11-13	\$500	Available
PV 101: Intro to Solar Electric	11/16	\$45	Available
Wind 101: Intro to Residential Wind	11/24	\$45	Available

