

U.S. DEPARTMENT OF
ENERGY

Solar Instructor Training Network

Northeast Region
(Solar Heating & Cooling)



Kennebec Valley
COMMUNITY COLLEGE

Your Path to Success

www.kvcc.me.edu

What is the program about?

The Northeast Solar Heating and Cooling (SHC) Instructor Training Project is a “train the trainers” project to increase access to instructor training and create pathways for the highly-skilled, technical workforce demanded by the Northeast Region’s growing SHC industry. The project is funded by the U.S. Department of Energy (DOE) and administered by Kennebec Valley Community College (KVCC).

Goals of the Training



- **Participate in the National Consortium** with other national and regional experts in solar training to share, develop, and disseminate model curricula, lessons learned, and best practices.

- **Increase the capacity of educational providers** throughout the Northeast, including but not limited to community colleges, career & technical education centers, and other private industry training programs, to train workers in careers dealing with the SHC installation and design process.

- **Facilitate and support the inclusion of SHC theory, design and application** to create a national educational and training infrastructure.

- **Share, develop, and disseminate** model curricula, lessons learned, and best practices regarding SHC installer instructor training to education and training providers in the region.

- **Transform the market** for solar installations and create sustainable jobs.

Northeast Partners

Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, and Vermont.



Who Can Participate?

Instructors will be drawn from the following curriculum areas:

- Plumbing Technology
- Building Trades
- Heating Technology
- Plumbing and Heating Technology
- Heating, Ventilation, and Air Conditioning Technology
- Engineering Technology
- Environmental Technology

www.kvcc.me.edu



Solar Instructor
Training Network
Northeast Region
(Solar Heating & Cooling)



RECOVERY.GOV



What is the Curriculum?

Course curriculum is designed around North American Board of Certified Energy Practitioners (NABCEP) Solar Thermal Task Analysis. Participants will advance through lecture, site evaluation, and hands-on installation experiences on mock solar training roofs.

Successful completion will provide one step in the eligibility criteria for the NABCEP Solar Thermal Installer Exam and the Institute for Sustainable Power Quality (IS PQ) Credential process.

Additionally, up to 40 Continuing Education Units (CEU) are also available for teacher recertification.

Who We Are.

Kennebec Valley Community College has been a leader in energy services and technology education for more than three decades, providing the skills and know-how students need for the jobs of today and the opportunities of tomorrow.

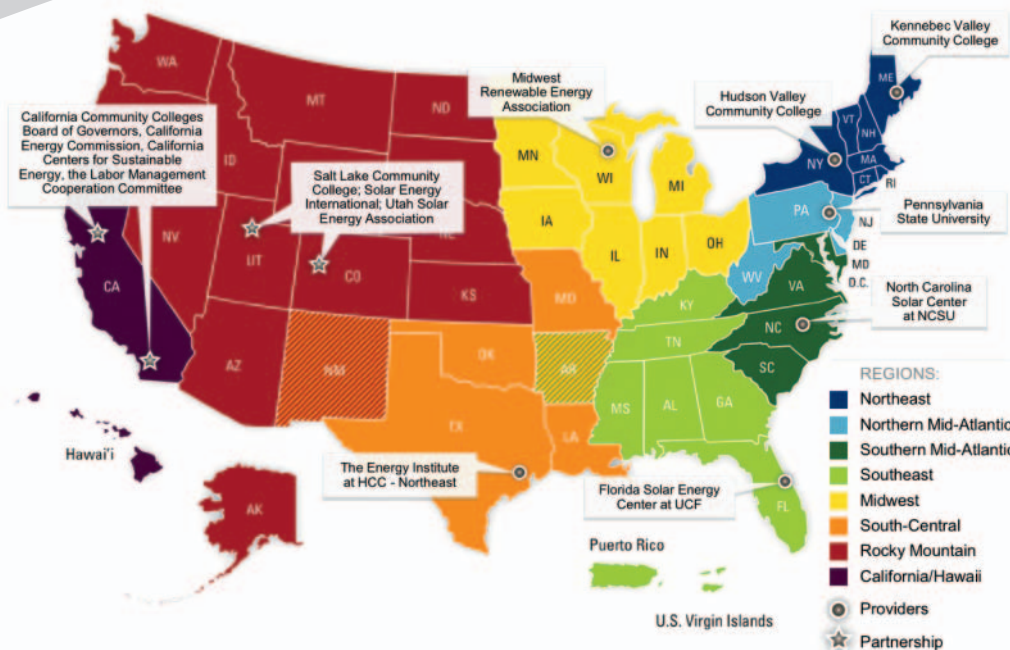
Our programs are adapted to meet the needs of businesses across Maine and beyond. Success is a result of strong partnerships with local industries and the dedication of our own top-notch instructors, who bring real-world experience to the classroom.

Our graduates are both valued employees of leading companies and successful business owners. The skills and knowledge they have gained in our programs provide a foundation on which they can build careers that take them as far as they want to go.

Through funding from the U.S. Department of Energy and the American Recovery and Reinvestment Act, KVCC is proud to be the Regional Training Provider in Solar Heating and Cooling for the Northeast region.

Solar Instructor Network

8 regions, 9 Regional Resources and training Providers



History of the Project

The U.S. Department of Energy (DOE) Solar Instructor Training Network was created in 2009 to improve the quality and accessibility of solar installation training and expand the nation's trained solar workforce. DOE funded a National Administrator and nine Regional Training Providers to train instructors, develop curricula, and standardize local training efforts.

KVCC will be collaborating with the Interstate Renewable Energy Council (IREC), which became the National Administrator of the Solar Instructor Training Network on August 25, 2010.

KVCC was selected by DOE as one of the Regional Training Providers, winning a five-year, \$3.3 million grant from DOE to support the effort.

the future is here now...

General Information

Location

Training will be held in a new, state-of-the-art energy services and technology lab in the Muriel P. Frye Building on the KVCC campus in Fairfield, Maine. A mobile training lab will eventually deliver training options throughout the Northeast.

Lab Facilities

The Energy Services and Technology Lab design includes unique infrastructure and training capability including a solar thermal system for domestic hot water, space heating, and air conditioning using a two-ton adsorption chiller.



Schedule

This is a 40-hour, Monday through Friday course combining classroom and hands-on training.

Course Fees & Subsidy

Training, lodging and meals for the Northeast Solar Heating and Cooling Instructor Training Project will be subsidized with support from the U.S. Department of Energy.

A stipend of up to \$1,000 for transportation, lodging and additional meals is available to all participants who complete the course and fulfill the post-course requirements, including the development and sharing of instructional materials. Participants are responsible for payment of a \$400 course fee which will cover course materials, textbooks, and lunch each day. Upon acceptance to the program, enrollees will need to submit payment in the amount of \$400 to Kennebec Valley Community College and this payment must be received before training commences.

To Register

The application for this program can be found on-line at www.kvcc.me.edu/NESolar.

Contact Information

For more information on the Northeast Solar Heating and Cooling Instructor Training Project call (207) 453-5818 or email Dana Doran at ddoran@kvcc.me.edu.

Kennebec Valley
COMMUNITY COLLEGE

92 Western Avenue

Fairfield, Maine 04937-1367

www.kvcc.me.edu

Kennebec Valley Community College is accredited by the New England Association of Schools and Colleges, Inc. through its Commission on Institutions of Higher Education. Kennebec Valley Community College is an equal opportunity/affirmative action institution and employer. For more information, please call John Delile at 207-453-5123.