

The Energy Services and Technology Center

# Renewable Energy Training Programs

*Professional Certifications for Rewarding Careers*



**Kennebec Valley**  
COMMUNITY COLLEGE

*Your Path to Success*

[www.kvcc.me.edu/energyservices](http://www.kvcc.me.edu/energyservices)

**The Renewable Energy** (RE) Training Programs at KVCC have been designed to accommodate the needs of students, professionals, and members of the public. KVCC's diverse RE program offerings provide students an opportunity to explore any or all of the RE disciplines they have an interest in. The learning experience is also enhanced with instruction and hands on training in KVCC's state-of-the-art Energy Services and Technology Center, which has the most advanced renewable training equipment in the Northeast. With this wide range of technical knowledge and hands on skill, students will be prepared to determine the most cost-effective and environmentally responsible energy systems currently available on the market.

## Renewable Energy Management Advanced Certificate Program



KVCC's Renewable Energy Management (REM) Advanced Certificate Program is the most comprehensive RE training program in the State of Maine. This program is designed to be completed in one year and provide

industry specific knowledge and skills on RE technology, sales, marketing, and business management. The flexible structure of this program will allow students to focus on any or all of the RE technologies they are interested in pursuing.

The REM program is a non-credit, advanced certificate program, designed for those professionals and/or college graduates who have a strong background in HVAC, plumbing, electrical, construction, architecture, engineering, or business. Successful completion of this program will prepare graduates to obtain industry specific endorsements, certifications and licensing as well as to pursue rewarding careers in all facets of renewable energy.



# Renewable Energy Technology Courses

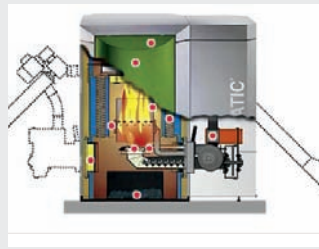
KVCC offers an expanded core of non-credit RE Technology courses for industry and the general public. RE courses are available individually in five different disciplines:



**Solar Heating**



**Geothermal Heating and Cooling**



**Biomass Solid Fuel**



**Solar Photovoltaic**

Successful completion of RE Technology courses will prepare students for interesting and exciting work in both the conventional and renewable energy industries. These training courses are designed to target a specific knowledge and skill base needed for success in each RE discipline. RE courses are offered at two levels: Fundamentals, and Design and Installation.

Fundamentals courses are designed for individuals with limited experience and who are looking to expand their basic knowledge and skill base in a specific RE technology. Design and Installation courses are geared toward providing advanced education and training for experienced RE installers and service technicians. Instruction involves both intensive subject matter and hands on training in the Energy Services and Technology Center.

## What we offer:

**BS1 010 Fundamentals of Biomass Solid Fuel**  
**BS1 020 Biomass Solid Fuel Design/Installation**  
• State of Maine Solid Fuel License

**GT1 010 Fundamentals of Geothermal**  
**GT1 020 Geothermal Design and Installation**  
• State of Maine Closed Loop Installer License  
• IGSHPA Accredited Installer

**SH1 010 Fundamentals of Solar Heating**  
• NABCEP Entry Level Recognition  
• State of Maine Certified Solar Energy Installer

**SH1 020 Solar Heating Design and Installation**  
• NABCEP Solar Heating Installer Certification

**SP1 010 Fundamentals of Solar Photovoltaic**  
• NABCEP Entry Level Recognition

**SP1 020 Solar Photovoltaic Design and Installation**  
• State of Maine Certified Solar PV Installer

**SW1 010 Fundamentals of Small Wind**  
**SW1 020 Small Wind Design and Installation**  
• NABCEP Small Wind Installer Certification



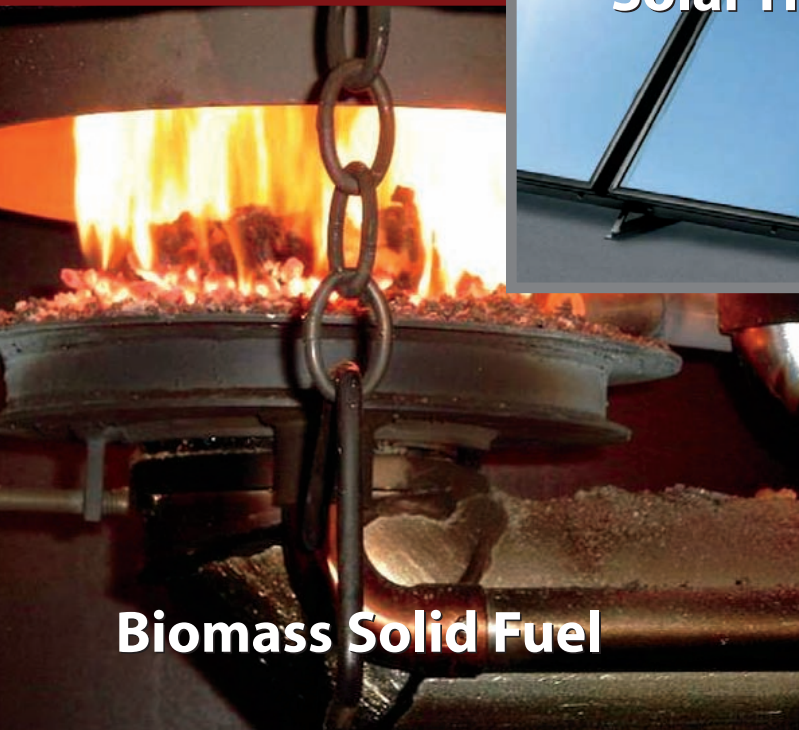
**Solar Photovoltaic**



**Small Wind**



**Solar Heating**



**Biomass Solid Fuel**



**Geothermal**

## the future is here now...

In 2009, an idea was born to establish a premier education hub at KVCC dedicated to the Colleges' traditional energy programs and rapidly expanding new programs in renewables and efficiency.

The KVCC Energy Services and Technology Center is now operational in the Muriel P. Frye Building and combines all KVCC energy and efficiency programs under one roof.

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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 Delisle at 207-453-5123.