The CEEBS Model

A Career Ladder Model for New York's Energy Efficiency Training Programs

Paula Hayes
Program Director, CEEBS
Paula Hayes, Program Director of the Center for Energy Efficiency and Building Science, a division of Hudson Valley Community College’s Workforce Development Institute, has been responsible for the creation of New York’s statewide energy efficiency training program for over 10 years. Paula also has an extensive background in curriculum development.
A Career Ladder Model for New York's Energy Efficiency Training Programs

This session will provide an overview of a model developed in New York State for workforce training initiatives in energy efficiency, for both the existing and the emerging workforce. The Center for Energy Efficiency and Building Science, a division of Hudson Valley Community College's Workforce Development Institute, funded by NYSERDA and a USDOL Community Based Job Training Grant (CBJT), has expanded its training curricula, Learning Center Sites, and their instructor base, to serve diverse populations. Paula Hayes, CEEBS Program Director, will present a model for career pathways and discuss how their new courses, the Basics of Building Science Online, a hybrid Basic Building Science course for disadvantaged youth, and the new Basic Air Sealing and Insulation Installer Course, provide a Career Ladder for the emerging workforce that is funded through the CBJT grant. This BPI certification pathway provides credentials for employment in the weatherization industry and private sector construction industry. Discussion topics also include: the changing demographic profiles of students and how their needs are being met; development and implementation of secondary-level curriculum in high school vocational schools; and maintenance/upgrades to the existing curriculum.
Course Offerings

Entry-Level Courses
- Basics of Building Science (Online)
  15 hours, 5 weekly modules
- Basic Air Sealing & Insulation (BASI)
  28 hours
- HEAT Program
  (Home Energy Analyst & Technician)
  Integrated into construction technology programs, includes 23 modules

BPI Certification Courses
- Building Analyst 36 hours
- Envelope Professional 30 hours
- Heating Professional 35 hours
- Cooling Professional 16 hours
- BASI Crew Chief (Coming soon)
ENERGY EFFICIENCY CAREER PATHWAYS - EMERGING OR DISADVANTAGED POPULATIONS
COMMUNITY BASED ORGANIZATIONS – BASIC AIR SEALING & INSULATION (BASI*)

*BPI Certification: Residential Building Envelope Whole House Air Leakage Control Installer
Basics of Building Science (Online)

Basic Air Sealing and Insulation Installer
- Apprenticeship/Internship
  - Work Experience

Building Analyst
- Apprenticeship/Internship
  - Work Experience

Work Experience

Crew Chief Certification
- Work Experience

Building Analyst
- Work Experience

Envelope Professional
- Work Experience

Envelope Professional

*BPI Certification: Residential Building Envelope Whole House Air Leakage Control Installer*
ENERGY EFFICIENCY CAREER PATHWAYS - EMERGING OR DISADVANTAGED POPULATIONS
BOCES STUDENTS – BASIC AIR SEALING & INSULATION (BASI*)

*BPI Certification: Residential Building Envelope Whole House Air Leakage Control Installer
Training Information & Schedule

Call: 518-629-4111
Visit:  www.hvcc.edu/ceebs
Email:  ceebs@hvcc.edu