PON 2033 ATTACHMENT E
RESIDENTIAL BUILDING PERFORMANCE TECHNICIAN CAREER LADDER

Helper-Installer:

- Certifications:
  - OSHA 10-hour health and safety certification.
- Related Instruction:
  - Laborers' International Union of North America:
    - Life and Employability Skills Training.
    - General Construction Training.
    - Safety and Environmental Hazards Training.

Installer:

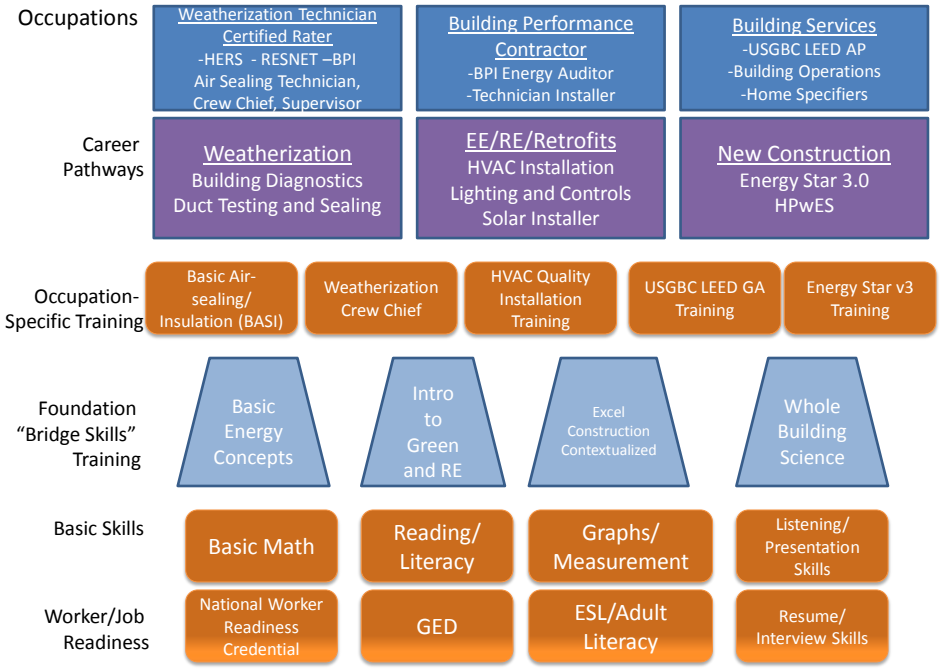
- Certifications:
  - "Residential Building Envelope Accessible Areas Air Leakage Control Installer" from the Building Performance Institute.
  - Environmental Abatement Certifications (optional).
    - Asbestos Abatement (Worker, Supervisor).
    - Lead Abatement (Worker, Supervisor).
    - Mold and Biological Hazard Worker).
- Related Instruction:
  - Building Science – air and heat flow within a building.
  - Sealing the building envelope – caulking, weather-stripping, and sealers.
  - Insulating and sealing ductwork – wrapping ductwork, sealing, minor modifications.
  - Installing insulation – batt, blow-in, dense-pack, sprayed-on, pipe and hot water heater wrap.

Supervisor

- Certifications:
  - "Residential Building Envelope Whole House Air Leakage Control Crew Chief" from the Building Performance Institute
- Related Instruction:
  - Inspect and monitor the site for CO, CO_2, dust, and other airborne contaminants.
  - Conduct and/or interpret diagnostic testing utilizing a number of tools.
  - Conduct and/or interpret combustion appliance safety and efficiency tests.

Auditor

- Certifications:
  - "Energy Auditor" from the Building Performance Institute
  - "Envelope Professional" from the Building Performance Institute
  - "Home Energy Rating System" from the Residential Energy Services Network
  - "LEED Homes" from the Green Building Certification Institute
- Related Instruction:
  - Select and use diagnostic equipment. Interpret diagnostic results.
  - Identify measures for improving energy efficiency.
  - Select the best materials based on assessment results. Calculate / order materials.
  - Develop a written job plan for weatherization workers and supervisors.


Occupations
Weatherization Technician
Certified Rater
-HERS - RESNET –BPI
Air Sealing Technician,
Crew Chief, Supervisor
Building Performance
Contractor
-BPI Energy Auditor
-Technician Installer
Building Services
-USGBC LEED AP
-Building Operations
-Home Specifiers
Career
Pathways
Weatherization
Building Diagnostics
Duct Testing and Sealing
EE/RE/Retrofits
HVAC Installation
Lighting and Controls
Solar Installer
New Construction
Energy Star 3.0
HPwES
Occupation-
Specific Training
Basic Air-
sealing/
Insulation (BASI)
Weatherization
Crew Chief
HVAC Quality
Installation
Training
USGBC LEED GA
Training
Energy Star v3
Training
Foundation
"Bridge Skills"
Training
Basic
Energy
Concepts
Intro
to
Green
and RE
Excel
Construction
Contextualized
Whole
Building
Science
Basic Skills
Basic Math
Reading/
Literacy
Graphs/
Measurement
Listening/
Presentation
Skills
Worker/Job
Readiness
National Worker
Readiness
Credential
GED
ESL/Adult
Literacy
Resume/
Interview Skills