

February 2, 2022

Wx Workforce Development

Senate Natural Resources & Energy Committee

Laura Capps

Emerging Technologies and Services

Efficiency
Vermont

The Assignment

Weatherization Workforce report.

- (1) On or before June 15, 2021, the Chairs of the Senate Committee on Natural Resources and Energy and the House Committee on Energy and Technology, or their designees, shall meet with the Department of Labor, the Agency of Education, Efficiency Vermont, representatives of the community action agencies, NeighborWorks of Western Vermont, the Vermont Fuel Dealers Association, and other parties currently delivering programming to train workers to perform services related to thermal energy savings and weatherization.
- (2) Thereafter, Efficiency Vermont shall lead the Weatherization Workforce Group that shall **develop plans for the coordinated delivery of a standardized statewide Building Sciences curriculum that includes weatherization.** The curriculum shall be designed to **establish a career pathway in energy efficiency construction** and shall include a **certification that is broadly recognized, transparent, and portable.**
- (3) On or before **October 1, 2021**, Efficiency Vermont shall report to the Senate Committee on Natural Resources and Energy and the House Committee on Energy and Technology **a plan for enhancing the coordinated delivery of the standardized Building Sciences training program in order to support the goals of 10 V.S.A. § 581.**

Vermont Weatherization Career Path

Wx Installer

Soft skills for employees
Carpentry basics
Building science basics
Air sealing & insulation installation

Wx Apprentice

Building codes for weatherization
Weatherization installers & technician registered apprenticeship / energy audits & building diagnostics
Historic building weatherization
Carpentry applications
Managing water in buildings
Building & product certifications, standards & codes

Wx Journeyman

Healthy buildings
Residential energy modeling basics
Building management systems & integrated control technologies (smart homes) basics
Industrialized weatherization

Res HVAC Contractor

HVAC design
HVAC installation & commissioning
HVAC installation & commissioning – hydronics
Domestic hot water systems

Wx Expert

Building science applications
Crew leader
Crew leader & manager soft skills
Running a weatherization business
Train the trainer

Agency of State or its appointed designee

1

Vermont Weatherization & Building Science Training Program Directory

2

Vermont Weatherization & Building Science Professionals Workforce Directory

Framework benefits

Consistency

Flexibility

Visibility

Right-sized

Expansive

Vermont-specific

Workforce Development

Program solicitation

- RFI 4th quarter 2021
- 9 responses
- Collaboration with Public Service Department for RFP
- Focus on **growing** the workforce



Beyond the Framework

Key needs to grow Wx workforce

1. Clear career pathways in construction trades for young Vermonter's
2. Available workers in general
3. Competitive wages in Wx
4. Consistent, reliable Wx funding
5. Available affordable housing



Questions?

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