

Weatherization Training Center at Penn College – Williamsport, PA B-Roll *Scene-by-Scene Description*

Get the facts behind the footage available on the U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy (EERE) B-Roll Web site at eere.energy.gov/news/b_roll.cfm.

Video Title: Pennsylvania College of Technology Weatherization Training Center (WTC) B-Roll
Video Only/No Audio

Location: Williamsport, Pennsylvania

Total Running Time: 9:30

Scene 1: 00:05: Exterior shots of the WTC, including signage, building, and building entrance. Interior shots include training mock-ups of homes in various configurations, a classroom, a building mock-up with a blower door, and a heating lab with various types of furnaces and water heaters. In June 2010, DOE announced funding for a vast expansion of weatherization training centers across the country, more than tripling the number of DOE-funded facilities to 34.

Scene 2: 01:34: Students in a “Combustion Analysis and Retrofit – Oil” class are tested on their abilities to inspect and analyze an oil-burning furnace. Students perform efficiency tests on the furnace by using a combustion analyzer, which reads furnace flue gas. The students are also trained to correct problems that may be detected in the analysis.

Scene 3: 04:19: Blower door testing equipment is used in a home mock-up to train students in home energy assessment practices. Training programs such as this support a range of public and private energy efficiency efforts, including the Weatherization Assistance Program, which funds the weatherization of low-income homes.

Scene 4: 04:52: A student and instructor demonstrate drywall installation and repair in a specialized drywall training area. Drywall replacement and repair is often required as a result of weatherizing retrofits in home walls.

Scene 5: 07:15: A demonstration of a retrofit of loose cellulose insulation blown into wall cavities. First, the cellulose material is emptied from packaging into a hopper. A hole is made in the home's wall, a tube is inserted, and the cellulose insulation is blown into the wall. Removable walls in this training area allow students to see how well they perform. Recovery Act funding is expected to create 940 weatherization jobs in Pennsylvania alone, and the resulting home retrofits are estimated to reduce energy usage by the equivalent of 155,000 barrels of oil a year.

Learn More about Weatherization Programs

Since its inception in 1985, the Weatherization Training Center (WTC) at the Pennsylvania College of Technology has trained over 9,000 weatherization professionals. The center has recently expanded operations in response to the growing demand for service fueled by Recovery Act. With increased Recovery Act funding, the center expects to train up to 1,000 professionals to help low-income households reduce energy consumption and costs. The WTC serves as a model for other facilities around the country as it offers a full range of competency-based training courses for weatherization professionals. DOE funding is intended specifically for the training of those employed by or subcontract to nonprofit agencies and local governments which administer home energy conservation assistance under the DOE Weatherization Assistance Program.

For more information about DOE-funded weatherization programs and initiatives, visit the EERE Weatherization and Intergovernmental Program Web site at eere.energy.gov/wip.