

Midlands Technical College's Weatherization Facilities

The weatherization facilities at Midlands Technical College's Airport Campus are truly state-of-the-art. Using industry recognized test equipment and test procedures, students will work to diagnose various problems and then develop corrective plans. Graduates who successfully complete each curriculum will earn Building Performance Institute (BPI) certifications that are recognized throughout the United States.

The Weatherization Test House was specifically built for the weatherization courses offered at Midlands Technical College. Typical weatherization problems, from air infiltration to distribution of ducted air, can be simulated, tested and resolved.



A variety of combustion safety tests can be performed on the gas furnace, including carbon monoxide levels, carbon monoxide spillage, and back drafting.



The Blower Door along with other analytical tools taught during the training programs are used to determine the air sealing requirement for a house or mobile home. It is the energy and building science professional's most widely used piece of equipment and consists of a calibrated fan along with a digital pressure and flow gage called a manometer.



A well-appointed classroom provides seating for 12 students, and includes an overhead projector for PowerPoint instruction, plus a unique teaching tool - "The House of Pressure" (far right). This miniature structure simulates the same air flow conditions found in full-sized buildings, and allows the students to observe real cause-and-effect relationships in a classroom setting.



For more information about MTC's weatherization programs, contact John Leighty, leightyj@midlandstech.edu or (803) 691-3911.



Register today - Call (803) 732-0432 or visit mtctraining.com.