

Thaddeus Steven College of Technology

Program Title: Housing Project

Goals/Objectives: The objective of the housing project is experiential learning through home construction.

Description:

Students will learn to design, produce, finish and install the various components of home construction related to their field of study. Students in HVAC, plumbing, carpentry, masonry, electrical, cabinet making and wood technology participate in the project.

There are two instructors-one for the morning class and one for the afternoon class-for carpentry who talk to each other daily, either face to face or through their director. They also meet as one collective meeting with the HVAC, plumbing, carpentry, masonry, electrical, cabinet making and wood technology instructors as the project progresses.

The instructors meet with sales and factory representatives to obtain information on products and procedures. There are city and independent inspectors that make sure that construction is being done according to code.

The building of the house takes a whole school year to complete; however, the steps to building it begin during the spring of the prior school year. To begin, the site is laid out and the footer is poured. After the foundation is laid, the site is back filled to wait for the fall term when the sewer and carpentry work begin.

Evaluation Tools & Procedures:

The students' level of proficiency is continually elevated during construction and installation phases of the project. Faculty members utilize curriculum matrices to evaluate the overall effectiveness of their various courses that comprise their program.

Results of Activity:

The result of the activity is the construction of a fully functioning home ready for sale on the real estate market.

Resources and Other Related Information:

Many of the materials utilized in the housing project are donated to the college.

Contact Information:

Dr. William Thompson
750 East King Street
Lancaster, PA 17602
thompsonw@stevenscollege.edu
717-299-7793