

Energy Auditing Technician-Residential Certificate

This course of study is to prepare students to perform residential energy audits. An energy audit will help customers make decisions about how to conserve energy and save money on utility bills. Customers will also benefit from an increase of comfort, health, safety, and the durability of their homes. The audit involves a visual inspection of the residence, a series of diagnostic tests, and a numerical analysis by means of a software package. Auditors inspect, measure, and test to decide what energy-saving retrofits are practical and cost-effective. An energy audit is also called a home energy analysis, a home performance analysis or an energy survey.

Suggested/Sample Course Sequence

The sequence taken by the student may vary depending on prerequisites, course availability, and personal/ professional responsibilities.

(Major Code 4300; State CIP Code 15.0503)

- Energy Performance (<http://www.jccc.edu/energyauditor>)

First Semester

EPRM 120	Introduction to Residential Energy	3
EPRM 123	Active & Passive Residential Systems*	4
CET 105	Construction Methods	3
Total Hours		10

Second Semester

DRAF 129	Interpreting Architectural Drawings	2
CET 150	Construction Safety	3
EPRM 127	Residential Energy Data Collection and Input*	3
INDT 155	Workplace Skills	1
EPRM 130	Residential Energy Auditing Application*	3
Total Hours		12

Total Program Hours: 22