

HEATING, VENTILATION, AND AIR CONDITIONING

HVAC TECHNICIAN CERTIFICATE

Program Code: E.HVC.CER

Certificate

Graduation requirement — 30 semester hours

The HVAC Technician program prepares graduates for entry-level positions installing, troubleshooting, and repairing residential heating, ventilation, and air conditioning systems. The program includes instruction and testing to help the student earn EPA refrigerant certification.

Program Note

- Students may substitute a technical elective for EST 113 with approval of program director.

Suggested Full-time Sequence

FALL	SPRING	SUMMER
1st Semester	2nd Semester	3rd Semester
ELT 150	HVC 114	HVC 137
CTC 132	HVC 116	EST 113
HVC 111	HVC 136	
HVC 112	CIT 114	
HVC 113	ELT 134	

Required Program Courses (30 hours)

Cr. Hrs.

CIT 114	Plumbing	3
CTC 132	Computer Basics	1
ELT 134	Motors, Controls, and Drives	3
ELT 150	Introduction to Electricity and Electronics.	3
EST 113	Work Experience and Ethics.....	1
HVC 111	Basic Air Conditioning	3
HVC 112	Basic Heating.....	3
HVC 113	Residential HVAC Installation	3
HVC 114	Ductwork Fabrication.....	2
HVC 116	HVAC Trade Computations.....	2
HVC 136	HVAC Service I	3
HVC 137	HVAC Service II.....	3

Total Semester Credit Hours

30