

HEATING, VENTILATION, AND AIR CONDITIONING (CONT'D)

HVAC SERVICE TECHNICIAN I CERTIFICATE

Program Code: E.HAC.CER

Certificate

Graduation requirement — 45 semester hours

The HVAC Service Technician I program prepares graduates for entry-level positions troubleshooting and repairing heating, ventilation, and air conditioning systems in residential and light commercial facilities. The program prepares the student to earn EPA refrigerant certification.

Suggested Full-time Sequence

<i>FALL</i>	<i>SPRING</i>
<i>1st Semester</i>	<i>2nd Semester</i>
ELT 150	ELT 131
CIT 130	ELT 134
HVC 111	HVC 112
HVC 113	HVC 114
ELT 179	CIT 114
<i>SUMMER</i>	<i>FALL</i>
<i>3rd Semester</i>	<i>4th Semester</i>
EST 113	HVC 151
	HVC 152
	ENG 101 or ENG 111
	CTC 132
	CTC 193
	MAT 131

Required Program Courses (39 hours) Cr. Hrs.

CIT 114	Plumbing	3
CIT 130	Construction Plan Fundamentals	3
CTC 132	Computer Basics I	1
CTC 193	Windows	1
ELT 131	Residential Wiring	3
ELT 134	Motors, Controls, and Drives	3
ELT 150	Introduction to Electricity and Electronics.	3
ELT 179	Industrial Control Devices.	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 151	Basic Air Conditioning Service.	4
HVC 152	Basic Heating Service	3

Required General Education Courses (6 hours)

MAT 131	Applied Mathematics	3
ENG 101	Composition I	
or ENG 111	Workplace Writing.	3

Total Semester Credit Hours 45