

# HVAC TECHNICIAN: CS

Certificate of Specialization | 7 credit hours minimum

**Area of Interest: Advanced Manufacturing, Industrial Occupations, and Transportation**

**Academic Advising** (<https://stlcc.edu/admissions/advising/>)

## Program Description:

HVAC Technician, Certificate of Specialization equips students with the knowledge and expertise needed to excel in the field of heating, ventilation, and air conditioning (HVAC) systems. This program offers comprehensive, hands-on training, preparing students for a rewarding career in this vital field. Students are prepared to pass the EPA Section 608 Certification.

**Locations.** This program is offered in its entirety at Florissant Valley.

**Financial Aid.** This Certificate of Specialization is not eligible for financial aid.

**Cost of Attendance.** For more information on cost of attendance visit **MoSCORES** (<https://scorecard.mo.gov/Search/>).

**Program Career and Salary Information.** Pursuant to Missouri HB 1606 (2018), information regarding the number of credit hours, program length, employment rate, wage data, and graduates employed in careers related to their program of study at St. Louis Community College can be found at the following URL: <https://scorecard.mo.gov/scorecard/> ([https://www.google.com/url?q=https://scorecard.mo.gov/scorecard/&sa=D&ust=155536894857000&usg=AFQjCNG1xf3E\\_i2lO96zEytILO-s5xaJcQ](https://www.google.com/url?q=https://scorecard.mo.gov/scorecard/&sa=D&ust=155536894857000&usg=AFQjCNG1xf3E_i2lO96zEytILO-s5xaJcQ)). Search using School / Program “St. Louis Community College” and choose the degree or credential type of interest.

The following limitations to the data apply: Information provided is based on the most recent cohorts available. Typically, most recent cohorts for wage and completion data are six years prior to the current academic year. Time to complete a program of study varies depending on the number of credit hours students earn per semester.

**Interested in this program?** Start the enrollment process by visiting the **Apply to STLCC** (<https://www.stlcc.edu/admissions/apply-to-stlcc/>) page.

## At the completion of the program, students are expected to:

1. explain the safety regulations for HVAC.
2. apply principles of basic electricity for HVAC systems.
3. evaluate a residential HVAC system.
4. troubleshoot a basic residential HVAC system.
5. maintain and repair HVAC equipment.

Code	Title	Credit Hours
<b>Program Requirements</b>		
GE 140	Industrial Occupations Fundamentals	3
GE 141	OSHA 10	1
ME 110	HVAC Operator I	3
<b>Total Credit Hours</b>		<b>7</b>

## Part-Time Academic Plan

**PLEASE NOTE:** If you originally enrolled at STLCC prior to Fall 2025, you may need to view an **archived catalog** (<http://catalog.stlcc.edu/archived-catalogs/>) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

Code	Title	Hours	Prerequisites	Milestones/Notes
<b>First Year</b>				
<b>Fall</b>				
GE 140	Industrial Occupations Fundamentals	3	Reading Proficiency	
GE 141	OSHA 10	1	Reading Proficiency	
ME 110	HVAC Operator I	3	Reading Proficiency	Exploratory Course, Gateway Course, Critical Course
	<b>Credit Hours</b>	<b>7</b>		
	<b>Total Credit Hours</b>	<b>7</b>		

**Critical Courses:** Critical courses are most important to a student's declared major and most strongly predict later success in the major. A critical course requires a minimal grade to progress to higher-level courses.

**Exploratory Courses:** Exploratory courses are first-semester courses that introduce the program and career field.

**Gateway Courses:** Gateway courses are courses in many career pathways that must be completed before progression in higher-level courses. These may be the same as critical and/or exploratory courses.

\*Click on the hyperlinked course number to view additional information about the course.

\*\*Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

\*\*\* It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice. Maximize your transfer credits/classes by meeting with an academic advisor.