



# Heating, Ventilation, and Air Conditioning Technology (HVAC) Controls Certificate

2018–2019

**DESCRIPTION:**

This certificate gives students a basic understanding of how control systems are designed, how they work, and how to calibrate and test different control systems. For more information, see [csc.edu/hvac](http://csc.edu/hvac).

**ADMISSION REQUIREMENTS:**

This certificate is NOT for beginners. It is designed for individuals with five or more years of directly-related industry experience or relevant education.

**ONGOING REQUIREMENTS:**

None.

**OPPORTUNITIES FOR GRADUATES:**

**Career:**

The HVAC Controls Certificate will prepare the students for employment in the building HVAC controls and building automation sectors as programmers, designers, service technicians, or installation technicians.

**Transfer:**

Students who complete the Heating, Ventilation, and Air Conditioning Technology (HVAC) Controls Certificate will have courses that apply to the Heating, Ventilation, and Air Conditioning A.A.S. degree.

**CERTIFICATE REQUIREMENTS (HEATING, VENTILATION, AND AIR CONDITIONING TECHNOLOGY CONTROLS CERTIFICATE):****FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
HVAC 1180 Wiring Circuits 1	AU	2	
<b>Semester Credits</b>		<b>2</b>	

**SECOND SEMESTER**

Course	Term	Credits	Milestones/Progress Check
HVAC 1280 Wiring Circuits 2	SP	3	
HVAC 2160 Automatic Controls	AU/SP	3	
<b>Semester Credits</b>		<b>6</b>	

**THIRD SEMESTER**

Course	Term	Credits	Milestones/Progress Check
HVAC 2180 Advanced Controls	AU	5	• Students who complete all 4 courses receive the Controls Certificate.
<b>Semester Credits</b>		<b>5</b>	
<b>Total</b>		<b>13</b>	

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester  
Requirements subject to change.