

PRAIRIE STATE COLLEGE

HEATING, VENTILATION, AND AIR CONDITIONING





HEATING, VENTILATION, AND AIR CONDITIONING AT PRAIRIE STATE COLLEGE

The Prairie State College (PSC) Heating, Ventilation, and Air Conditioning (HVAC) program qualifies students as entry-level heating, ventilation, and air conditioning technicians and installers. Students learn the basic knowledge and skills needed to diagnose electrical and mechanical problems. Students also learn how to repair, replace, or install equipment.

CERTIFICATE

Heating, Ventilation, and
Air Conditioning (HVAC)

Heating, Ventilation, and Air Conditioning

Certificate

This program prepares heating and cooling technicians for residential and light commercial service and installation. Students are trained to be HVAC technicians in a real-world, hands-on lab environment. The HVAC facility is equipped with high-efficiency systems as well as conventional heating and cooling systems. Technicians are needed to troubleshoot and maintain HVAC systems because of the increasing number of new residential and commercial structures and to respond to the increased demand for energy management, conservation and other “green” technologies.

Program Requirements

24

HVAC 120	Refrigeration Principles	3
HVAC 121	Air Conditioning Theory	3
HVAC 122	Heating Fundamentals	3
HVAC 123	Electrical Controls for HVAC	3
HVAC 124	Sheet Metal Fabrication	3
HVAC 125	Advanced Electrical Controls	3
HVAC 127	Troubleshooting HVAC Systems	3
HVAC 128	Installation of HVAC Systems	3

Electives

8

Select 8 credit hours course from:

BUS 101	Introduction to Business	3
HVAC 130	Special Topics in HVAC	2
HVAC 131	EPA 608	1
HVAC 298	HVAC Seminar	1
HVAC 299	HVAC Internship	2
WELD 115	Basic Arc Welding/Oxyfuel Welding	3

or courses chosen with coordinator's consent

Program Total:

32 credits



ABOUT THE CURRICULUM

The HVAC certificate prepares students for work as service technicians and installers and prepares them to meet the demands of changing technologies. Training encompasses theory as well as hands-on skills. This program is designed for new students who wish to learn the trade or practicing technicians who wish to advance their technical skills. PSC's fully equipped classrooms and labs provide a valuable environment for the high-quality training employees look for in potential employees. Students will obtain the EPA 608 certification as part of their coursework and have the opportunity to participate in one of our many internship courses. Focus is also placed on customer service, as this is an essential skill for service technicians and installers. Classes are conveniently scheduled with daytime and evening courses available.

ADMISSIONS

PSC offers "open admission" that encourages diversity and admits all high school graduates or the equivalent.

Here's how to start your college career at PSC:

- Provide a high school diploma or GED.
- Take the ACT placement test or submit a copy of ACT scores.
- Meet with an advisor from Counseling and Advising to select courses. For questions, contact an academic advisor at (708) 709-3741.



CAREER OPPORTUNITIES

According to the U.S. Bureau of Labor Statistics, job opportunities in the HVAC field are projected to increase 14 percent from 2014 through 2024, which is much faster than the average for all other professions. Also, in 2014, one in 10 were self-employed and have the ability to set their own schedule. Concern for the environment has prompted the development of new energy saving heating and air-conditioning systems. In addition to employment growth, the need to replace workers who transfer to other occupations or leave the labor force will result in additional job openings. Technicians who service HVAC equipment generally have stable employment throughout the year, particularly because many contractors provide or even require year-round service contracts. People and businesses depend on climate-control and must keep them in good working order, regardless of economic conditions. HVAC service technicians can expect to earn about \$22.46 per hour.

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Financial Aid Information

PSC's tuition is affordable, and financial aid is available through a variety of sources.

How to Apply

1. Complete the Free Application for Federal Student Aid (FAFSA)

The school code for PSC is 001640. Apply online at fafsa.gov.

2. Notification from Department of Education

If you listed PSC's school code in your FAFSA, the college's Financial Aid Office will receive your report in approximately 14 days.

3. Notification from PSC

Once PSC receives your FAFSA from the Department of Education, a letter is mailed to the student indicating needed documents.

4. Complete the PSC financial aid application.

5. Determination Letter

Once all documents are completed, an award or ineligible letter is issued.

PSC Financial Aid Opportunities:

- PSC Board of Trustees Scholarships cover tuition and fees for two years.
- The PSC Foundation awards more than \$75,000 in scholarships annually.

For more information about how to obtain financial aid, visit prairiestate.edu/finaid, call (708) 709-3735, or email financial-aid@prairiestate.edu.

Find out more today by contacting

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Gainful Employment Disclosure

The U.S. Department of Education requires colleges with financial aid eligible programs that "prepares students for gainful employment in a recognized occupation" to disclose certain information about these programs. For more information about our graduation rates, the median debt of students who have completed the program, and other important information related to the program, please visit our website at prairiestate.edu/ge. We hope that this information is helpful in making informed choices about your education.



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