

HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION

About This Program

Carrington's Heating, Ventilation, Air Conditioning, and Refrigeration¹ program is approximately 40 weeks in length and prepares students to work in the heating and cooling industry. Training focuses on theories of heating, refrigeration, and air conditioning. Students study the operation, maintenance, and repair of residential and commercial equipment.

Careers in Heating, Ventilation, Air Conditioning, and Refrigeration

Graduates of Carrington College's Heating, Ventilation, Air Conditioning, and Refrigeration program may find employment as:

- Heating, Air Conditioning, and Refrigeration Mechanics and Installers, and Maintenance
- General Repair Workers

Knowledge and Skills

Upon completion of the Heating, Ventilation, Air Conditioning, and Refrigeration program, graduates will be able to:

- Compare basic and advanced heating ventilation, air conditioning and refrigeration theory.
- Apply the theory in the installation, operation, maintenance, and repair of equipment and systems.
- Discuss HVACR schematics and wiring diagrams.
- Value all local and national safety practices related to the installation and servicing of HVACR equipment and systems.

Technical Coursework

Carrington College uses technologies and equipment to support the learning process such as industry-standard equipment and software.

Carrington's academic catalog, available at carrington.edu/catalog, provides the most current and detailed program information, including admission and graduation requirements.

The program culminates in a Certificate of Achievement.



¹ Applicants for jobs in the electrical technology field may be subject to pre-employment screenings such as, but not limited to, criminal background checks, drug and/or alcohol testing, physical and/or psychological examinations and credit check.

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Campus Based: Phoenix Education Center

Heating, Ventilation, Air Conditioning, and Refrigeration Campus-Based Program Requirements

TECHNICAL COURSES		LECTURE HOURS	LAB HOURS	SEMESTER CREDIT HOURS
HVACR100	Theory and Application of Air Conditioning	60	30	3
HVACR101	Theory and Applications of Refrigeration	60	30	5
HVACR102	Theory and Applications of Electricity	120	60	10
HVACR103	Advanced Air Conditioning	60	30	5
HVACR104	Advanced Refrigeration	60	30	5
HVACR105	Advanced Electricity	60	30	5
HVACR106	Air Distribution Systems	60	30	5
TOTAL FOR CERTIFICATE		480	240	40

Approximate time to complete certificate program: 40 weeks (not including breaks)

Accreditation and Disclosures

Carrington College is accredited by the Accrediting Commission for Community and Junior Colleges, Western Association of Schools and Colleges (ACCJC/WASC), 428 J Street, Suite 400, Sacramento, CA 95814, (415) 506-0234, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education.

Additional information about accreditation, including the filing of complaints against member institutions, can be found at accjc.org.

For comprehensive information on Carrington's accreditation and approvals, visit carrington.edu/accreditation. Visit carrington.edu/sci for important information on program outcomes.

Program availability varies by location. Carrington College reserves the right to update information as it becomes available. For the most updated information, visit carrington.edu.



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