

# HVAC/Refrigeration



Qualified Federal Financial Aid Program



## PROGRAM DESCRIPTION

The Heating, Ventilation and Air Conditioning & Refrigeration (HVAC/R) program provides students with the skills needed for entry-level positions to install, repair, and troubleshoot various heating and cooling equipment. The essentials of the mechanical and electrical systems of contemporary air-conditioning, heating, and refrigeration systems are addressed throughout the program. The HVAC/R program offers a combination of classroom studies and a wealth of hands-on experience in a state-of-the-art laboratory. The HVAC/R certificate program prepares the individual for basic, entry-level employment in the residential and/or light commercial heating, air conditioning, and refrigeration service industry.

- Excellent, high-paying jobs with benefits available
- High job placement rate for students who complete program
- Challenging work with great potential for career advancement
- Flexible class schedules
- Hands-on training
- Most affordable training in the region

The HVAC/Refrigeration program is held at 1205 Osage Street, Denver.

## APPLY TODAY!

1860 Lincoln Street, Downtown Denver  
Questions? 720-423-4702

## ESTIMATED SALARIES

(Based on Colorado Dept. of Labor Occupational Outlook Handbook)

Entry Level  
\$16.19/hr  
—  
\$33,675/yr

Experienced  
\$37.22/hr  
—  
\$77,420/yr

## ESTIMATED PROGRAM COST

\$9,132

Toolkit included.  
Additional material and book  
fees may apply.

## RELATED JOB TITLES

HVAC Installer • HVAC/R Service Tech • Pipefitter  
HVAC design Engineer • Building Engineer • Fabricator  
Refrigeration Mechanic • Building Controls Technician

## POTENTIAL INDUSTRIES

Independent HVAC/R contractors • Hospitals  
Heating & Air Conditioning Contractors • Wholesale Suppliers  
Hotel/Motel Maintenance • Plumbing • Retailers  
Business Owners • Commercial Buildings • Construction  
Property Management Companies

### Program Start Dates:

Commercial/Residential HVAC and Refrigeration Technician

Full-Time (M-Th, 7:30am - 4:00pm)

08/21/2017 - 11/01/2018

09/25/2017 - 12/01/2018

01/08/2018 - 04/01/2019

03/19/2018 - 06/01/2019

Part-Time (M-Th, 12:00pm - 4:00pm or 5:00pm - 9:00pm)

08/21/2017 - 05/01/2019

09/20/2017 - 06/01/2019

01/08/2018 - 10/01/2019

03/19/2018 - 12/01/2019

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Course	Title	Credits
HVA 100	Safety Training for the Trades	.5
HVA 102	Basic Refrigeration	4
HVA 104	Electrical Components	4
HVA 105	Electricity for HVAC/R	4
HVA 233	Advanced Refrigeration	4
HVA 111	Piping Skills for HVAC	4
HVA 261	A/C Systems Service and Repair	4
HVA 140	Basic Sheet Metal	4
HVA 134	Air Conditioning Systems	4
HVA 142	Residential Air Conditioning	4
HVA 124	Advanced Air Conditioning	4
HVA 110	Fundamentals of Gas Heating	4
HVA 247	Hot Water Heating Systems	4
HVA 143	Residential HVAC Trouble Shooting	4
HVA 121	Residential Refrigeration	4
HVA 132	Air Conditioning and Refrigeration Controls	4
HVA 251	Building Automation I, Installer	4
HVA 252	Building Automation II, Service	4
HVA 257	Low Pressure Steam Heating	4

TOTAL PROGRAM CREDITS 72.5

**Estimated Program Cost \$9,132.00**

Toolkit included. Additional material and book fees may apply.  
Please see advisor for exact costs.

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## REGISTRATION

Contact an advisor by calling  
720-423-4702.

## FINANCIAL AID

Call the Financial Aid Office at  
720-423-4744 for information regarding the  
types of aid available for this  
course/program.

## START COLLEGE HERE

Students who have completed an EGTC  
program/certificate may be eligible to  
transfer program credits to a Colorado  
community college that can be applied  
toward earning an Associate of Applied  
Sciences or Associate of General Studies  
Degree.

## CONCURRENT ENROLLMENT

High school students may qualify for free  
tuition through our CE program. Students  
should check with their  
guidance counselor to learn more.

## Non-Discrimination Policy

Emily Griffith Technical College does not and shall not discriminate on the basis of race, color, religion (creed), gender, gender expression, age, national origin (ancestry), disability, marital status, sexual orientation, or military status, in any of its activities or operations.

Política de no discriminación: el Instituto Técnico Emily Griffith (EGTC) no discrimina por motivos de raza, grupo étnico, creencias religiosas, sexo, edad, condición de veterano de guerra, discapacidad u orientación sexual.

## Americans with Disabilities Act and EGTC Compliance

The Americans with Disabilities Act prohibits discrimination based on disability in admission to, access to and the operation of programs, services or activities at EGTC. The college is committed to providing an environment where students have the opportunity to attain their educational goals. EGTC provides both physical and programmatic access for all students. Reasonable accommodations will be made in instructional delivery and evaluation methods to ensure full educational opportunities for students. Appropriate documentation of a student's disability is required.

Questions, complaints and requests for additional information may be directed to our Disability/Learning Services at 720-423-4702 or  
DSS@emilygriffith.edu.

To learn more about how to request an accommodation and our special services, please refer to our website, [www.emilygriffith.edu](http://www.emilygriffith.edu).