

# HEATING, VENTILATION, AIR CONDITIONING/REFRIGERATION TECHNOLOGY I

## College Career Certificate (CCC)



### WHY SEMINOLE STATE?

- Certificate from a regionally accredited state college
- Practical hands-on learning experiences
- High-tech labs that simulate real-world job conditions
- Instructors with industry experience
- Excellent connections to Central Florida employers
- Preparation for immediate entry into the workforce upon certificate completion

### Contact Information

Michelle Hutto  
Programs Coordinator/Advisor  
huttom@seminolestate.edu  
407.708.2196

### Other Vocational Programs Available

Electricity Certificate –1,200 hours  
Frank Ramos – 407.708.2688  
[ramosf@seminolestate.edu](mailto:ramosf@seminolestate.edu)

Building Trades Certificate –900 hours  
Frank Ramos – 407.708.2688  
[ramosf@seminolestate.edu](mailto:ramosf@seminolestate.edu)

HVAC/R Technology 2 Certificate–600 hours  
Michelle Hutto – 407.708.2196  
[huttom@seminolestate.edu](mailto:huttom@seminolestate.edu)

Plumbing Certificate –1,080 hours  
Douglas A. Taylor – 407.708.2405  
[taylord@seminolestate.edu](mailto:taylord@seminolestate.edu)

### PROGRAM INFORMATION

This career certificate program prepares students for employment or advanced training in the heating, air conditioning, ventilation and refrigeration industry. The program consists of classroom as well as hands-on lab study. Areas of study include planning, installing, testing and servicing of HVACR systems, servicing, installing and troubleshooting electrical and mechanical components and basic supervisory skills. Students will gain knowledge in the use and care of hand, power and specialized tools and equipment used within the industry and current industry standards, practices and techniques

### ADMISSIONS REQUIREMENTS

This program is a full-time day track to be completed within 8 months and is financial aid eligible. The curriculum includes both online learning and on-campus lab experiences. Students must have access to a computer and the internet. Departmental consent is required to register for this program.

To enroll in the program, candidates must:

- Be at least 18 years of age
- Apply and be accepted to Seminole State College
- If required, complete the Form 11, Level D Test of Adult Basic Education (TABE) and successfully meet the following minimum scores to complete the program: \*\*

Language: 584

Math: 627

Reading: 576

### COURSES

### HOURS

ACR 0000C HVAC/R 101-Introduction and Safety Practices .....	90
ACR 0530C HVAC/R 102-Electrical .....	90
ACR 0051C HVAC/R 103-Refrigeration .....	90
ACR 0122C HVAC/R 104-Components.....	90
ACR 0150C HVAC/R 105-Electrical Motors.....	90
ACR 0208C HVAC/R 106-Refrigerant, Recovery and Reclaim.....	90
ACR 0613L HVAC/R 107-Heating .....	90
ACR 0125C HVAC/R 108-Advanced A/C and Refrigeration Practices.....	90
ACR 0071C HVAC/R Career Planning and Professional Success.....	30
<b>TOTAL PROGRAM HOURS.....</b>	<b>750</b>

*\*\*Students who graduated from a Florida High School after 2007 may not be required to take the TABE.*

*Students must maintain a cumulative 2.0 GPA to complete the program.*