

HVACR PROGRAM REQUIREMENTS ADMISSIONS CRITERIA AND CHECKLIST

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Associate Degree: High school graduates with a 2.75 GPA, an ACT composite score of 18 and a minimum ACT math sub score of 19.

Bachelor's Degree: A.A.S. HVACR degree with a 2.5 GPA, including two semesters of English, one lab science course in physics, biology or chemistry (physics preferred), public speaking and intermediate algebra.

CERTIFICATION

Ferris State University HVACR Institute certification (fully endorsed by the EPA - sections 608 and 609 of The Clean Air Act) are available through the Institute. Since 1993, the Institute has offered highly recognized products and quality services resulting in nearly 350,000 certified technicians and more than 1,000 nationally registered proctors.

A CHECKLIST FOR ENROLLMENT INTO THE HVACR PROGRAM AT FERRIS STATE UNIVERSITY

1. Apply early. Fill out the online application at ferris.edu/admissions/application and save the \$30 application fee.
2. Send ACT or SAT test scores to Ferris State University.
3. Send transcripts from high school or technical school and/or other college as appropriate.
4. Submit the Free Application for Federal Student Aid (FAFSA) after January 1. Indicate the FAFSA Ferris State University code, 002260, on the application.



THE HVACR MISSION AND INVITATION

HVACR provides quality education and training that emphasizes practical skills, and prepares the students to analyze, synthesize and solve problems. This is accomplished in state-of-the-art facilities with highly qualified instructors. Call Jill Trinklein (231) 250-8754 or Gerry Lucas (231) 591-3764 to schedule a visit.

VISIT

Schedule a visit to talk about the program, to tour the facility, talk to faculty and talk to the students. Individual students, high school classes and tech school classes are welcome.

CALL JILL TRINKLEIN

(231) 591-2695 or (231) 250-8754
Trin12@ferris.edu

CALL GERRY LUCAS

(231) 591- 3764
GerryLucas@ferris.edu



Ferris State University is an equal opportunity institution. For information on the University's Policy on Non-Discrimination, visit ferris.edu/non-discrimination.

FERRIS STATE UNIVERSITY

HEATING, VENTILATING, AIR
CONDITIONING AND REFRIGERATION



HVACR PROGRAMS
FERRIS.EDU/HVACR

FERRIS HVACR

THE ONLY ALTERNATIVE

Imagine a facility with see through materials and mechanical structures. Enjoy transparency as you see the inner workings of campus lead by a student.

FERRIS STATE UNIVERSITY CAMPUS TOURS

<https://www.ferris.edu/HTMLS/administration/studentaffairs/CLACS/ferrisgoesvirtual.htm>

FERRIS STATE UNIVERSITY TRANSFER TOOL

<https://ferris.transfer.degree/app/index.html#!/landing/>

HVACR PROGRAM VIDEO'S

www.ferris.edu/HVACR

- Associate in Applied Science: HVACR Technology
- Bachelor of Science: HVACR Engineering Technology and Energy Management

WHY FERRIS HVACR?

- It's all in the numbers! For every HVACR graduate, there are multiple job opportunities. These can be found in every state or country.
- Program graduates enjoy high annual median salaries due to demand and emerging technologies.
- One of only two bachelor degree programs in the country!



FERRIS HVACR: FAST FACTS

The HVACR associate degree program, founded in 1945, and the bachelor's degree program founded in 1984, have evolved into nationally recognized programs. No other programs have the reputation and resources available.

TEACHER TO STUDENT RATIO

One of the best student to teacher ratios at 15:1. Gain confidence you will need on the job by getting the one-to-one instruction in the classroom and lab.

EXPERIENCE

Faculty with 120 years of combined industry experience inspire and empower students to become industry leaders.

FACILITY AND LEARNING

No other structure reinforces theory with practice. The visible mechanical, electrical and plumbing systems in the Granger Center bring the theory of the textbook to life. Students see and experience the systems in operation by using the new facility as a learning tool.

CAREER PLANNING

HVACR promotes networking within the industry! HVACR students preparing for employment look forward to in-house instruction and counseling on resume preparation. In addition, mock interviews are held with industry representatives. Students enjoy nearly 100% placement after graduation.

PRE-ADVISING WITH TRANSFER TOOLS

Ferris faculty use updated transfer guides and tools to formulate your program plan.

www.ferris.edu/hvacr

HVACR PROGRAM DEGREES

ASSOCIATE DEGREE: HVACR TECHNOLOGY

This two-year, hands-on, service-oriented degree leads into careers as service technicians, installers, testing and balancing technicians and control technicians, as well as unlimited opportunities in technical sales and residential design.



Students learn:

- principles of heating, air conditioning, ventilation and refrigeration.
- thermodynamics of refrigeration and air conditioning systems.
- systematic electrical and mechanical troubleshooting on real HVACR equipment.
- residential system load calculation and design.

BACHELOR'S AND ENERGY MANAGEMENT DEGREE: HVACR ENGINEERING TECHNOLOGY

This four-year degree follows the associate degree. Instruction is based on developing students for design or engineering technology careers. Students laddering into the HVACR Engineering Technology & Energy management degree will develop hands on experience integrated with cutting-edge technologies to deliver expertise in:

- system selection, load calculations, design, control, commissioning and operations.
- methods of energy evaluations on building envelopes and mechanical/electrical system operations.
- energy conservation measures (ECM) and operational and maintenance (O&M) items that promote green building design and operation.