

Georgia Piedmont Technical College Transfer Guide

The HVEM degree addresses designing, retrofitting, testing, and balancing on a problem-solving level and prepares the HVEM engineering technologist to fill a wide technological gap between the service technicians and engineers. Challenging careers abound on a national level with firms who look for trained HVEM engineering technicians for a variety of positions: application and/or project engineering, systems control, estimating, engineering, field technician, systems reps, marketing, control systems training, and HVEM in-plant engineering.

General Admission Criteria

To be admitted to this degree, students must have completed the Associate of Applied Science degree in Air Conditioning, Refrigeration and Heating Technology from Georgia Piedmont Technical College with a minimum GPA of 2.5 (on a 4.0 scale), and completion or competency in the following Ferris courses, or their equivalents: ENGL 150 (English 1), ENGL 211 (Industrial and Career Writing), MATH 115 (Intermediate Algebra), Lab Science course (see advisor), and ISYS 105 (Microcomputer Application). Official transcripts from all accredited colleges/universities must be submitted with the Ferris application. Financial aid is available and may include concurrent enrollment at both institutions.

Course Requirements

Georgia Piedmont Technical College

Course	Ferris Equiv.	GPTC Course Titles	Cr. Hrs.
Air Cond., Ref. and Heating Tech AAS	HVACR Major	Associate of Applied Science Degree in an HVACR	42
ENG 1101	ENGL 150	Composition & Rhetoric	3
ENG 1105	ENGL 211	Technical Communications	3
SPC 1101	COMM 121	Speech	3
MAT 1111	MATH 115	College Algebra	4
MAT 1113 or MAT 1199	MATH 126	Pre-Calculus	4
ECON 2105	ECON 221	Macroeconomics	3
	ISYS 105	<i>Consult Ferris Advisor</i>	3
GPTC	<i>Varies</i>	Complete one lab science course from the following subject areas: Biology, Chemistry, Geography, Physics, Physical Science, etc.	7-8
GPTC	<i>Varies</i>	Cultural Enrichment Electives	6
GPTC	<i>Varies</i>	Social Awareness Electives	6
Total Georgia Piedmont Technical College Credits			84-85

Ferris State University

Course	Ferris Course Titles	Cr. Hrs.
HVAC 321	HVAC Air Side System Design	4
HVAC 342	Load Analysis & Energy Modeling	3
ARCH 110	Introduction to Computer Graphs in ARCH for HVAC	2
ENGL 311	Advanced Technical Writing	3
HVAC 312	HVAC Control Theory and Application	4
HVAC 325	HVAC Hydronic System Select-Design	4
HVAC 350	Contracting Issues in HVAC	4
HVAC 362	Primary HVAC Equipment Selection	4
HVAC 393	Internship- Summer	4
HVAC 415	Direct Digital Control	4
HVAC 451	Energy Audit & Analysis (WIC)	4
HVAC 462	Primary HVAC Equipment Selection	3
HVAC 499	Commercial HVAC System Design (WIC)	5
FSU	Cultural Enrichment Elective (300+ level)	3
Total Ferris Credits		51

Students are required to reach the Ferris MATH 126 or MATH 130 level. The path to MATH 126 is MATH 116 and MATH 126. The path to MATH 130 is MATH 115, MATH 120, and MATH 130

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Credits Required for Degree 135-136

Contact Information

Ferris Online

Toll Free at (800) 562-9130 or (231) 591-2340
ferrisonline@ferris.edu

Big Rapids Campus

College of Engineering Technology

http://www.ferris.edu/HTMLS/colleges/
(231)591-2890 or (231) 591-2608

hvacr@ferris.edu

www.ferris.edu/transferservices

Delivery Locations

This degree and the Ferris courses are offered to students at the following locations:

- Fully online
- Ferris State University, Big Rapids Campus, Big Rapids MI
- Select courses delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Community College, the Ferris main campus, or at another off-campus location).

Transfer Student Orientation

All new students to Ferris State University are required to complete an orientation. Orientation for incoming freshmen is a one-day session that occurs on campus and includes class registration. Eligible transfer students have the option of completing an online orientation or attending an on campus session.

Advising Notes

It is recommended that potential applicants meet with an advisor to review the degree, course schedule, and have any questions answered prior to completing an application. **Students who are completing the MTA may have different general education course requirements for the particular degree selected. Meeting with a Ferris advisor prior to the selection of general education or elective course work may reduce the chance of completing a course that will not apply toward the selected degree.** Once admitted, students must continue to meet with an advisor as they work toward graduation.

Online Learning

The “Online Readiness Tutorial” is required for students who register for an online *course* or are completing an online *degree*. Students must demonstrate competency in FerrisConnect skills. This may be done by taking a tutorial and quiz, or, for students who have already taken and passed online courses, they can submit a waiver request. Students should check with the department that offers the class to determine its particular needs and/or the Ferris advisor regarding registration for online course work.

Michigan Transfer Agreement (MTA)

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Disclaimer

This is a guide for students who plan to transfer to Ferris State University. This guide is not intended to be a contract with Ferris. The information on this guide is subject to change. Students should contact their community college or Ferris to keep informed of changes. Final responsibility for verifying all transfer information lies with the student. Please refer to the effective and/or revised date on the bottom of the guide.