HVACR Engineering Technology & Energy Management
Bachelor of Science

College of Allegheny
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 an HVACR Engineering or related technical area or equivalent with a minimum GPA of 2.5 (on a 4.0 scale), and completion or competency in the following Ferris courses or their direct equivalents: ENGL 150, ENGL 250 or ENGL 211, MATH 115 or MATH 116, and four credit hours in a science course (lab or non-lab). 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

CC Course	Ferris Equiv.	CC Course Title	Cr. Hrs.
AAS	HVACR Major Courses for AAS Degree	Associate of Applied Science Degree in an HVACR Engineering or related technical area or equivalent	Varies
ENG 101	ENGL 150	English Composition 1	3
ENG 103	ENGL 211	Technical Communications	3
MAT 108	MATH 115	Intermediate Algebra	4
MAT 147	MATH 120	College Trigononmetry	3
	ECON 221	Principles of Macroeconomics	3
CA	Varies	Complete two FSU General Education – Natural Sciences courses Select courses from the following subject areas: Astronomy, Biology, Chemistry, Geology, Physical Science (one course must be a lab science course)	7-8
CA	Varies	FSU General Education - Cultue Electives (select two courses, consult advisor for assistance)	6
CA	Varies	FSU General Education – Self and Society Electives (select two courses; consult advisor for assistance)	6
Total Transferable Credits			**Varies**

Please refer to FSU's General Education Requirements at: http://www.ferris.edu/htmls/academics/gened/index.htm

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

Students are encouraged to work with their Ferris advisor for selection of any electives, to ensure transferability and to minimize credits taken.

Refer to HVACR webpage for current BS degree check sheet (course sequence guide)

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.

Program Offered at:

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

Main Campus, Big Rapids
College of Engineering Technology
http://www.ferris.edu/HTMLS/colleges/
(231) 591-2890 or (231) 591-2608
hvacr@ferris.edu
www.ferris.edu/transfer

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