

Transfer Guide for
TRITON COLLEGE

Bachelor of Science Degree
HVACR
(Heating, Ventilation, Air Conditioning and Refrigeration)

Home Page	Contact	Phone
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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 Ferris to keep informed of changes (see “contact” above). Final responsibility for verifying all transfer information lies with the student.

CAREER PATH

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

ADMISSION REQUIREMENTS

- AAS Degree in Stationary Engineering from Triton College
- 2.5 GPA
- MATH 115 (Ferris) competency required

For assistance with the admission process, contact the transfer counselor at your college or the transfer admissions officer at Ferris State University, Shari Chamberlain, at 1-800-4-FERRIS, chambers@ferris.edu

APPLICATION DEADLINES

It is recommended that students submit applications by January 15th prior to Fall entry

TRANSFER PLAN

- Coursework in HVACR Major – In addition to the courses completed for the Associate Degree listed above, there may be other courses that can be completed at your college or another accredited college/university prior to transfer to Ferris that will meet requirements for the B.S. major. **NOTE: *First check with a Ferris Faculty Advisor or the Department Chair (listed above) for academic advising prior to completing these courses.***
- General Education Requirements – All students earning a B.S. degree at Ferris State University must complete the Ferris State University *General Education Requirements*. Some of these general education requirements may have been completed as part of your associate degree, while others may be completed in addition to the associate degree at your college or another accredited college/university prior to transfer to Ferris, and others can be completed after transferring to Ferris. **NOTE: Because of the timeline required for the HVACR program, it is necessary that you *first check with a Ferris Faculty Advisor or the Department Chair for academic advising prior to completing these courses.***

TRANSFER GUIDE
FSU College of Technology
HVACR Engineering Technology B.S. Degree

FSU	Triton College	FSU Course Title	Cr. Hrs.
HVACR Major Courses for AAS Degree	AAS Stationary Engineering	Associate in Applied Science Degree in HVAC Engineering or related technical area or equivalent—Consult Department Chair	36
ENGL 150	RHT 101	Communications Competence: English 1	3
ENGL 211 or ENGL 250	RHT 102	Technical & Career Writing or English 2	3
COMM 121	SPE 101	Fundamentals of Public Speaking	3
MATH 115	MAT 111	Quantitative Skills: Intermediate Algebra and Numerical Trigonometry	5
Gen. Ed. Elective	ENT 105 or PHY 100	Scientific Understanding: Complete One Lab Science course from the following subject areas: <i>Astronomy, Biology, Chemistry, Geology, Physics, Physical Science</i>	3/4
Gen. Ed. Elective	HUM 124	Cultural Enrichment: Complete one course from the following subject areas: <i>Art, Foreign Language, History, any Humanities except Logic, Literature, Music, Theatre</i>	3*
Gen. Ed. Elective	PSC150	Social Awareness: Complete one course from the following subject areas: <i>Anthropology, Economics, Political Science, Psychology, Sociology, Social Science</i>	3*
ISYS 105	CIS 151	Microcomputer Applications	3

* NOTE: In the following General Education categories, one course may meet more than one General Education requirement:
Cultural Enrichment, Social Awareness

COURSES TO BE COMPLETED AT FERRIS STATE UNIVERSITY

Junior-Senior Level

FSU	FSU Course Title	Cr. Hrs.
HVAC 312	HVAC Control Theory and Application	4
HVAC 331	HVAC Secondary Equipment Selection and Design	5
HVAC 342	HVAC Load Calculation and Energy Code	3
HVAC 393	Internship	4
HVAC 415	HVAC Digital Control Systems	4
HVAC 451	Energy Analysis and Audit	5
HVAC 462	Primary HVAC Equipment Selection	4
HVAC 499	Commercial HVAC System Design	5
ARCH 110	Into to Computer Graphics in ARCH for HVAC students	2
ISYS 204*	Basic Programming	3
MATH 126*	Algebra and Analytic Trigonometry	4
COMM 221	Small Group Decision Making	3
Elective	Directed Elective (agreed upon by student & faculty advisor)	3
Gen-Ed*	Upper Level Social Awareness (300-level or higher)	3
ECON 221*	Principles of Economics 1	3
Gen-Ed*	Cultural Enrichment Elective	3
Gen-Ed*	Cultural Enrichment Elective (200-level or higher)	3
Gen-Ed*	Scientific Understanding (lab or non-lab)	3-4
Gen-Ed	Upper Level Communications Competence (300-level or higher)	3

*These courses may be completed at any accredited college or university; however, you must consult with a Ferris Faculty Advisor or the Department Chair prior to completing these courses (see “contact” on first page).

Contact the Department Chair at Ferris State University if you have questions on specific transfer requirements

Michael Feutz, Department Chair

Email: feutzm@ferris.edu

To determine the Ferris course equivalency for courses at your college, you may visit the Ferris Transfer Equivalency website at:
<http://www.ferris.edu/admissions/Transfer/WebPages/homepage1.cfm>