

Established in 1972, the Welding Technology program produces welding technicians and prepares students for admission into the bachelor of science program in Welding Engineering Technology. Students receive hands-on laboratory experience in welding processes, metallurgy, mechanical testing, inspection and fabrication of weldments. Graduates become technicians involved in testing and improving welding processes, procedures and equipment. Welding Technology graduates hold job titles as welding technicians, welding supervisors, inspectors and sales representatives.

General Admission Criteria

To be admitted to this degree program, students must meet University and College of Technology admission standards, and complete the Welding Certificate Program at Bay College. Completion or competency in the following Ferris courses, or their equivalents is required: MATH 111, MT 100, CG 115 and ENGL 101. It is recommended that students submit applications by February 15th prior to fall entry. Transfer students will be admitted in the order they are received provided all admissions requirements are met and program space is available. Should space in the program not be available, qualified transfer applicants will be placed on a waiting list and admitted as openings occur in the order they were received. Official transcripts from all accredited colleges/universities must be submitted with the Ferris application.

Course Requirements

Bay College				Ferris State University		
Course	Ferris Equiv.	Bay College Course Titles	Cr. Hrs.	Course	Ferris Course Titles	Cr. Hrs.
Pre-admission Classes				WELD 112	Welding Graphics	3
WE 110	WELD 111	Intro Oxygen-Fuel Welding	3	WELD 211	Welding Fabrication I	5
and	and			WELD 212	Quality Testing	4
WE 120	WELD 113	Arc Welding	4	WELD 221	Welding Fabrication II	4
and	and			WELD 222	Introduction to Welding Automation	3
WE 220	WELD 121	Gas Metal Arc Weld	4	EEET 201	Electrical Fundamentals	3
and	and			MATL 240	Material Science	4
WE 210	WELD 123	Advanced Arc Welding	4	Total Ferris Credits		26
and				Credits Required for Degree		
WE 260		Gas Pipe Welding	4			75
CG 115	ETEC 140	Intro to CAD	3	Upon Completion of the Associates in Applied Science Degree in Welding Technology, you may pursue a Bachelor Degree in Welding Engineering Technology. Please see your Advisor upon completion of your Associates Degree.		
Bay College	Varies	FSU General Education - Culture Elective	3			
MA 105	MATH 115	Intermediate Algebra	4			
MA 111	MATH 120	Trigonometry	4			
ENGL 101	ENG 150	English Composition I	4			
MT 100	MFGT 150	Basic MT Operation	2			
Program Classes						
Phys 201	PHYS 211	Elements of Physics I	4			
ENGL 102	ENGL 250	Research Writing	3			
or	or					
ENGL 145	ENGL 211	Technical and Report Writing	3			
Bay College	Varies	Self and Society Elective	3			
Total Bay College Credits			49			

FSU General Education Requirements can be found at:

<http://www.ferris.edu/HTMLS/academics/gened/index.htm>

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.

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

Program Offered at:

Main Campus, Big Rapids

College of Engineering Technology

<http://www.ferris.edu/HTML/colleges/>

Program Phone: (231) 591-2511

Program Email: weldingdegrees@ferris.edu

www.ferris.edu/transfer

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.

Transfer Student Orientation

All new students to Ferris State University are required to complete an orientation

Online Learning

Select courses delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at an off-campus location). 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 Blackboard 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.

Reverse Transfer Agreement

The Community College and Ferris have entered into a partnership in order to work collaboratively and creatively to increase student completion of associate and bachelor degrees. The partners work together to provide a seamless transfer experience and increase student retention and completion at both the community college and Ferris.

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.