

FERRIS STATE UNIVERSITY
COLLEGE OF ENGINEERING TECHNOLOGY
 Transfer Guide for
ELGIN COMMUNITY COLLEGE
 Associate Degree – Welding Fabrication Technology
Into Welding Engineering Technology

Home Page	Contact	Phone
http://www.ferris.edu/cot/	Jeff Carney, Program Coordinator College of Engineering Technology School of Design & Manufacturing SWN 108 Big Rapids, MI 49307 E-Mail: carneyj1@ferris.edu	1-800-4-FERRIS or (231) 591-2511

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 welding program is designed to produce plant-level welding engineering technology graduates who are involved in the concept, design, and engineering of weldments and implementation of welding process. This overall knowledge of weldments and the ability to engineer welding and joining systems produces graduates who are in great demand and highly compensated.

ADMISSION REQUIREMENTS FOR TRANSFER STUDENTS

1. Associate in Welding Technology
2. Minimum 3.0 GPA
3. MTH 112 & 114 required
4. PHY 101 required
5. CAD 101 required
6. ELS 100 or equivalent required

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

APPLICATION DEADLINES

Application for admission submitted by February 15 prior to fall term requested. Applications will include fall semester grades and current winter schedule (if applicable). Transfer students will be admitted in the order they are received provided all admissions requirements are met and program space is available. Admission status will be tentative pending review of graduation and final grade/course information status. 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.

TRANSFER GUIDE

- Coursework in WELE 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. *We suggest you first check with a Ferris Faculty Advisor or the Department Chair (listed above) for academic advising prior to completing these courses.*
- Students must complete a minimum of 30 credit hours at Ferris to meet graduation requirements.

FERRIS STATE UNIVERSITY
COLLEGE OF ENGINEERING TECHNOLOGY
Recommended courses to take in preparation for transfer into
Welding Engineering Technology Degree

FSU Course	Elgin Community College	FSU Course Title	Cr. Hrs.
Major Courses for AAS Degree	Welding Fabrication Technology	AAS Degree courses in the major and related technical areas.	
ENGL 150	ENG 101	Communications Competence: English I	3
ENGL 250	ENG 102	English 2	3
MATH 126	MTH 112 & 114	Quantitative Skills:	4
PHYS 211	PHY 101	*1 Scientific Understanding: Complete one lab science course from the following subject areas: Biology, Chemistry, Geography, Physics, Physical Science, etc.	4
ETEC 140	CAD 101	Engineering Graphics Comprehension	3
MATL 240		Material Science	4
EEET 201	ELS 100 or Equivalent	Electrical Fundamentals	3
Gen. Ed. Elective		*2 Cultural Enrichment: Complete one course from the following subject areas: Art, History, Humanities, Literature, Music, Foreign Language, etc.	3
Gen. Ed. Elective		*3 Social Awareness: Complete one course from the following subject areas: Anthropology, Economics, Political Science, Psychology, Sociology, etc.	3

*Contact the College of Engineering Technology educational counselor at Ferris State University if you have questions on specific transfer requirements. Email: nelsonv@ferris.edu, or call 231-591-2890.

REQUIRED DEGREE COURSE WORK				FSU Prerequisites
Course	Cr. Hrs.	FSU Course Title	Elgin Community College Equivalent	
Fall				
WELD 212	4	Quality Testing (Transfer Students Only)		Junior Status
WELD 311	4	Welding Automation & Robotics 1		Junior Status
WELD 312	3	Design of Weldments		Junior Status
EEET 301	3	Computers for Automation		EEET 201
MATH 126	4	Algebra & Analytical Trigonometry	MTH 112 & 114	MATH 116 or ACT 24
CHEM 114	4	Intro to General Chemistry	CHM 142	CHEM 103 or H/S Chemistry
Spring				
WELD 321	4	Welding Automation and Robotics 2		WELD 311, 312
WELD 322	3	Advanced Resistance Welding		WELD 311, 312
MECH 250	2	Fluid Power with Controls		MATH 116
ENGL 311	3	Advanced Technical Writing		ENGL 250 or 211
MATH 216	4	Applied Calculus	MTH 133	MATH 126 or ACT 26
Summer				
WELD 393	4	Internship		WELD 321 and 322
Fall				
MFGE 353	3	Statistical Quality Control		MATH 116
WELD 412	4	Computer Aided Weldment Design		MECH 340 WELD 393
WELD 411	3	Advance Welding Processes		WELD 393
COMM 121	3	Fundamentals of Public Speaking	SPH 101	
ELECTIVE	3	Social Awareness Elective	*3	
Spring				
WELD 422	3	Material Science		WELD 411, 412
WELD 499	3	Project Engineering & Management		WELD 411, 412
ELECTIVE	3	Social Awareness (200 level or higher)	*3	
ELECTIVE	3	Cultural Enrichment	*2	
ELECTIVE	3	Cultural Enrichment (200 level or higher)	*2	

You may visit the Ferris Transfer Equivalency website at: <http://www.ferris.edu/admissions/transfer/webpages>