

FERRIS STATE UNIVERSITY
COLLEGE OF ENGINEERING TECHNOLOGY
 Transfer Guide for
MESABI RANGE COMMUNITY & TECHNICAL COLLEGE
 Associate Degree – Welding
Into Welding Engineering Technology

Home Page	Contact	Phone
http://www.ferris.edu/cot/	Jeff Carney, Program Coordinator School of Design & Manufacturing College of Engineering Technology 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 1521 required, 1547 recommended
4. DRFT 1355 required
5. EIAT 1253 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	Mesabi Range	FSU Course Title	Cr. Hrs.
Major Courses for AAS Degree	Welding Technology	Diploma in the major and related technical areas.	
ENGL 150	ENGL 1511	Communications Competence: English I	3
ENGL 250	ENGL 1532 or ENGL 1512	Technical & Career Writing or English 2	3
MATH 116	MATH 1521	Quantitative Skills:	4
PHYS 211	PHYS 1561	*1 Scientific Understanding: Complete one lab science course from the following subject areas: Biology, Chemistry, Geography, Physics, Physical Science, etc.	4
EETEC 140	DRFT 1355	Engineering Graphics Comprehension	3
MATL 240		Material Science	4
EEET 201	EIAT 1253	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	PSYC 2551	*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	Mesabi Range Equivalent	
Fall				
WELD 311	4	Welding Automation and Robotics 1		Junior Status
WELD 312	3	Design of Weldments		Junior Status
EEET 301	3	Controls for Automation		EEET 201
MATH 130	4	Algebra & Analytical Trigonometry	MATH 1521 & 1547	
CHEM 121	5	General Chemistry *1	CHEM 1522	CHEM 103 Or HS Chem
Spring				
WELD 321	4	Welding Automation and Robotics 2		WELD 311
WELD 322	3	Advanced Resistance Welding		Junior Status
MATH 216	4	Applied Calculus	MATH 1561	MATH 126
MECH 340	4	Statics and Strengths of Materials		MATH 126 PHYS 211
ENGL 311	3	Advanced Technical Writing		ENGL 250
Summer				
WELD 393	4	Internship		WELD 321 and 322
Fall				
MFGE 353	3	Statistical Quality Control	STAT 2551 or 2552	MATH 116
WELD 412	4	Computer Aided Weldment Design		MECH 340 WELD 393
WELD 411	3	Advance Welding Processes		AAS in Welding WELD 393
COMM 121	3	Fundamentals of Public Speaking	SPCH 1555	
ELECTIVE	3	Social Awareness Elective *3		
Spring				
WELD 422	3	Material Science		AAS in Welding WELD 393
WELD 499	3	Proj. Eng. and Mgt.		WELD 412
ELECTIVE	3	Social Awareness (200 or higher) *3		
ELECTIVE	3	Cultural Enrichment *2		
ELECTIVE	3	Cultural Enrichment (200 or higher) *2		

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