

FERRIS STATE UNIVERSITY
COLLEGE OF ENGINEERING TECHNOLOGY
 Transfer Guide for
GRAND RAPIDS COMMUNITY COLLEGE
 Associate Degree - Electronics Technology
Into Electrical-Electronics Engineering Technology

| Home Page | Contact | Phone |
|----------------------------|--|--|
| http://www.ferris.edu/cot/ | Murry Stocking, Program Coordinator College of Engineering Technology School of Computer, Electrical, Energy, Mechanical, & Surveying Systems SWN 405 Big Rapids, MI 49307 E-Mail: stockinm@ferris.edu | 1-800-4-FERRIS or (231) 591-2388 |

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

Engineering technologists who graduate from this program are in demand to work for manufacturers, consultants, and plant operations in areas of control systems integration, design, research and development, customer relations and sales, testing, instrumentation and design, among others.

ADMISSION REQUIREMENTS FOR TRANSFER STUDENTS

1. Associate degree in electronics related area
2. MA 108 & 110 or MA 131 Required
3. Physics 125 and CO 225 Required
4. 2.0 GPA in associate degree work

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

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

TRANSFER GUIDE

- Coursework in EEET 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
Electrical-Electronics Engineering Technology Degree

| FSU Course | GRCC | FSU Course Title | Cr. Hrs. |
|------------------------------|-------------------------------------|--|----------|
| Major Courses for AAS Degree | AAS COMPUTER ELECTRONICS TECHNOLOGY | AAS Degree courses in the major and related technical areas. | |
| ENGL 150 | EN 100 or EN 101 | Communications Competence: English I | 3 |
| ENGL 211 or ENGL 250 | EN 102 or BA 102 or BU 102 | Technical & Career Writing or English 2 | 3 |
| MATH 126 or MATH 130 | MA 108 & 110 or MA 131 | Quantitative Skills: | 4 |
| PHYS 211 | PH 125 | *1 Scientific Understanding: Complete one lab science course from the following subject areas: Biology, Chemistry, Geography, Physics, Physical Science, etc. | 4 |
| Gen. Ed. Elective | | *2 Cultural Enrichment: Complete one course from the following subject areas: Art, History, Humanities, Literature, Music, Foreign Language, etc. | |
| Gen. Ed. Electives | | *3 Social Awareness: Complete one course from the following subject areas: Anthropology, Economics, Political Science, Psychology, Sociology, etc. | |
| ISYS 304 | CO 225 | Advanced Visual Basic | |

*Contact the College of Engineering Technology educational counselor at Ferris State University if you have questions on specific transfer requirements. Call 231-591-2890.

| REQUIRED DEGREE COURSE WORK | | | | FSU Prerequisites |
|-----------------------------|----------|--|-----------------|--------------------------------------|
| Course | Cr. Hrs. | FSU Course Title | GRCC Equivalent | |
| Fall | | | | |
| ELECTIVE | 4 | Concentration Elective 1 | | |
| ELECTIVE | 3 | CAD Elective | | |
| MATH 216 | 4 | Applied Calculus | MA 133 | C- in MATH 126 |
| ENGL 311 | 3 | Advanced Technical Writing | | |
| PHYS 212 | 4 | Physics 2 (CHEM 114 alt.) | PH 126 | PHYS 211 |
| Spring | | | | |
| ELECTIVE | 4 | Concentration Elective 2 | | |
| ELECTIVE | 2 | Technical Science Elective (2 or more credits) | | |
| MATH 226 | 4 | Fourier Series/Applied Differential Equations | | MATH 216 |
| COMM 121 | 3 | Fundamentals of Public Speaking | COM 131 | |
| ELECTIVE | 3 | Cultural Enrichment Elective | *2 | |
| Summer | | | | |
| EEET 393 | 4 | Internship | | Department Approval |
| Fall | | | | |
| ECNS 311 | 2 | High Level Programming | | MATH 116 |
| EEET 321 | 3 | Network Analysis | | MATH 226 co-req, EEET 124 |
| EEET 418 | 2 | Project Management | | Senior in EEET/CNS or Dept. Approval |
| ELECTIVE | 4 | Concentration Elective 3 | | |
| ELECTIVE | 2 | Directed Elective (2 or more credits) | | |
| ELECTIVE | 3 | Social Awareness Elective | *3 | |
| Spring | | | | |
| EEET 428 | 2 | Senior Project | | EEET 418 |
| ELECTIVE | 4 | Concentration Elective 4 | | |
| ELECTIVE | 2 | Technical Science Elective (2 or more credits) | | |
| ELECTIVE | 3 | Cultural Enrichment (200 or above) | *2 | |
| ELECTIVE | 3 | Social Awareness (200 or above) | *3 | |

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