

**FERRIS STATE UNIVERSITY
COLLEGE OF ENGINEERING TECHNOLOGY**

Transfer Guide for
MOTT 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. 2.0 GPA in associate degree work
3. MATH 161 & 163 required
4. PHYS 281 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

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 Program Coordinator (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 Program Coordinator (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 | MOTT Community College | FSU Course Title | Cr. Hrs. |
|------------------------------|---|--|----------|
| Major Courses for AAS Degree | Associates Degree in Electronics Technology | AAS Degree courses in the major and related technical areas. | |
| ENGL 150 | ENGL 101 | Communications Competence: English I | 3 |
| ENGL 250 | ENGL 102 | English 2 | 3 |
| MATH 126 or MATH 130 | MATH 145 | Quantitative Skills: | 4 |
| PHYS 211 | PHYS 281 | *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 | COMS 272 | 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 | Mott Equivalent | |
| Fall | | | | |
| | 4 | Concentration Elective 1 | | |
| ELECTIVE | 3 | CAD Elective | | |
| MATH 216 | 4 | Applied Calculus | | C- in MATH 126 |
| ENGL 311 | 3 | Advanced Technical Writing | | ENGL 250 |
| PHYS 212 | 4 | Physics 2 (CHEM 114 alt.) | PHYS 282 | C- in PHYS 211 |
| Spring | | | | |
| | 4 | Concentration Elective 2 | | |
| | 2 | Technical Science Elective | | |
| MATH 226 | 4 | Fourier Series & Appl. Differential Equations | | MATH 216 |
| COMM 121 | 3 | Fundamentals of Public Speaking | COMM 131 or COMM 132 | |
| ELECTIVE | 3 | Cultural Enrichment Elective | *2 | |
| Summer | | | | |
| EEET 393 | 4 | Internship | | Department Approval |
| Fall | | | | |
| | 4 | Concentration Elective 3 | | |
| | 2 | Directed Elective | | |
| ELECTIVE | 3 | Social Awareness Elective | *3 | |
| ECNS 311 | 3 | High Level Programming | | MATH 116 |
| EEET 321 | 3 | Network Analysis | | C- in MATH 226, EEET 124 |
| EEET 418 | 2 | Project Management | | Department Approval |
| Spring | | | | |
| | 4 | Concentration Elective 4 | | |
| EEET 428 | 2 | Senior Project | | C- in EEET 418 |
| | 2 | Technical Science Elective | | |
| ELECTIVE | 3 | Cultural Enrichment Elective (200 level or above) | *2 | |
| ELECTIVE | 3 | Social Awareness Elective (200 level or above) | *3 | |

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