

# FERRIS STATE UNIVERSITY/COLLEGE OF TECHNOLOGY

Transfer Guide for

## OAKTON COMMUNITY COLLEGE

Associate Degree - Electronics & Computer Technology  
Into Electrical-Electronics Engineering Technology

| Home Page   | Contact   | Phone                                  |
|---|---|--|
| <a href="http://www.ferris.edu/cot/">http://www.ferris.edu/cot/</a> | Clare Cook, Dept. Chair<br>Electronics Department<br>College of Technology<br>SWN 405<br>Big Rapids, MI 49307<br>E-Mail: <a href="mailto:cookc@ferris.edu">cookc@ferris.edu</a> | 1-800-4-FERRIS<br>or<br>(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 honor average in associate degree work
3. MAT 149 required
4. PHY 131 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](mailto:chambers@ferris.edu)

### APPLICATION DEADLINES

It is recommended that students submit applications by January 15<sup>th</sup> 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.

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## Recommended courses to take in preparation for transfer into Electrical-Electronics Engineering Technology Degree

| FSU Course                   | Oakton Community College                         | FSU Course Title   | Cr. Hrs. |
|------------------------------|--|--|----------|
| Major Courses for AAS Degree | Associates Degree in Electronics & Computer Tech | AAS Degree courses in the major and related technical areas.   |          |
| ENGL 150                     | EGL 101  | <b>Communications Competence:</b> English I  | 3        |
| ENGL 250                     | EGL 102  | Technical & Career Writing or English 2  | 3        |
| MATH 126 or MATH 130         | MTH 149  | <b>Quantitative Skills:</b>  | 4        |
| PHYS 211                     | PHY 131  | <b>*1 Scientific Understanding:</b> Complete one lab science course from the following subject areas: Biology, Chemistry, Geography, Physics, Physical Science, etc. | 4        |
| Gen. Ed. Elective            |  | <b>*2 Cultural Enrichment:</b> Complete one course from the following subject areas: Art, History, Humanities, Literature, Music, Foreign Language, etc.             |          |
| Gen. Ed. Electives           |  | <b>*3 Social Awareness:</b> Complete one course from the following subject areas: Anthropology, Economics, Political Science, Psychology, Sociology, etc.            |          |
| ISYS 304                     |  | Advanced Visual Basic  |          |

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

| REQUIRED DEGREE COURSE WORK |          |   |                                     | FSU Prerequisites                    |
|-----------------------------|----------|---|-------------------------------------|--------------------------------------|
| Course                      | Cr. Hrs. | FSU Course Title                              | Oakton Community College Equivalent |                                      |
| <b>Fall</b>                 |          |   |                                     |                                      |
|                             | 4        | EEET Track                                    |                                     |                                      |
| ELECTIVE                    | 3        | CAD Elective                                  |                                     |                                      |
| MATH 216                    | 4        | Applied Calculus                              | MAT 250                             | C- in MATH 126                       |
| ENGL 311                    | 3        | Advanced Technical Writing                    |                                     | ENGL 250                             |
| ELECTIVE                    | 4        | Chemistry or Physics Elective                 | *1                                  |                                      |
| <b>Winter</b>               |          |   |                                     |                                      |
|                             | 4        | EEET Track                                    |                                     |                                      |
| EEET 321                    | 3        | Network Analysis                              |                                     | EEET 124<br>Co-req MATH 226          |
| MATH 226                    | 4        | Fourier Series & Appl. Differential Equations |                                     | MATH 126                             |
| COMM 121                    | 3        | Fundamentals of Public Speaking               | SPE 103                             |                                      |
| ELECTIVE                    | 2-3      | Technical Science                             |                                     |                                      |
| <b>Summer</b>               |          |   |                                     |                                      |
| EEET 393                    | 4        | Internship                                    |                                     | Senior Status<br>Department Approval |
| <b>Fall</b>                 |          |   |                                     |                                      |
|                             | 4        | EEET Track                                    |                                     |                                      |
| EEET 418                    | 2        | Project Management                            |                                     | Senior Status                        |
| ECNS 311                    | 2        | High Level Programming                        |                                     | MATH 116                             |
| ELECTIVE                    | 2-3      | Directed Elective                             |                                     |                                      |
| ELECTIVE                    | 3        | Cultural Enrichment                           | *2                                  |                                      |
| ELECTIVE                    | 3        | Social Awareness                              | *3                                  |                                      |
| <b>Winter</b>               |          |   |                                     |                                      |
|                             | 4        | EEET Track                                    |                                     |                                      |
| EEET 428                    | 2        | Senior Project                                |                                     | EEET 418                             |
| ELECTIVE                    | 2-3      | Technical Science                             |                                     |                                      |
| 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>