



Electromechanical Engineering Technology

BS-EMT Plan of Study

Name:
ID #

Sem Adm:

| | Curriculum | | WSU | | | Transfer | | | Remarks | Cr |
|----------------------------|--------------|---|----------------------|-------|----|------------------|--------|-------------------|------------|----|
| | Course Title | Cr | Term | Grd | Cr | School | Course | Cr | Remaining | |
| Math Science | ET 2160 | Computer Applications for ET | 2 | | | | | | or CSC1050 | 28 |
| | MAT 1800 | (QE) Elementary Functions | 4 | | | | | | | |
| | MAT 3430 | Appl Diff & Integr Calc | 4 | | | | | | | |
| | MAT 3450 | Appl Calc & Diff Equns | 4 | | | | | | | |
| | CHM 1020 | (NSI) General Chemistry | 4 | | | | | | | |
| | PHY 2130 | (NSI) Physics for Life Sciences I | 4 | | | | | | | |
| | PHY 2131 | (NSI) Physics for the Life Sciences Lab | 1 | | | | | | | |
| | PHY 2140 | Physics for Life Sciences II | 4 | | | | | | | |
| 28 | PHY 2141 | Physics for the Life Sciences Lab | 1 | | | | | | 28 | |
| EMT Technical Core | E T 3030 | Statics | 3 | | | | | | or ET3870 | 42 |
| | E T 3050 | Dynamics | 3 | | | | | | | |
| | E T 3850 | Reliab & Engg Statistics | 3 | | | | | | | |
| | E T 5870 | Engineering Project Management | 3 | | | | | | | |
| | EET 3150 | Network Analysis | 4 | | | | | | | |
| | EET 3500 | Electrical Mechines & Power Sys | 3 | | | | | | | |
| | EET 3720 | Micro & Programmable Contollers | 3 | | | | | | | |
| | EET 4200 | Control Systems | 4 | | | | | | | |
| | MIT 3500 | Manufacturing Processes Lab | 1 | | | | | | | |
| | MCT 3010 | Instrumentation | 3 | | | | | | | |
| 42 | E T 4999 | Upper Div Tech Elect | 9 | | | | | | | |
| | | Senior Project | 3 | | | | | | | 42 |
| Lower Div Tech Transfer | EET 2000 | Electrical Principles | 3 | | | | | | | 30 |
| | EET 2100 | Principals of Digital Design | 3 | | | | | | | |
| | EET 2720 | Microprocessor Fundamentals | 3 | | | | | | | |
| | ET 2140 | Computer Graphics | 3 | | | | | | | |
| | 30 | | Lower Div Technical | 18 | | | | | | |
| Commu- nication | | (BC) Basic Composition | 3 | | | | | | | 9 |
| | ENG 3050 | (IC) Technical Communication I: Reports | 3 | | | | | | | |
| | | (OC) Oral Communication | 3 | | | | | | | |
| General Education | PHI 1120 | (CI) Professional Ethics | 3 | | | | | | | 15 |
| | | (CIV) Civic Literacy Inquiry | 3 | | | | | | | |
| | | (SI) Social Inquiry | 3 | | | | | | | |
| | | (DEI) Diversity, Equity & Inclusion | 3 | | | | | | | |
| | 15 | | (GL) Global Learning | 3 | | | | | | |
| Total | 124 | 0.00 <HPA in Div of E T | | WSU = | 0 | Total Transfer : | 0 | Total Remaining = | 124 | |

Note:

Advising: Joyce Lien (313-577-0800)

- (1) Maximum 64 semester credits can be transferred from Community Colleges.
- (2) Transfer credits are subject to WSU Transfer Student Statute and may be revised.
- (3) Minimum 30 credits must be earned from WSU including 24 credits from Div. of Engineering Technology
- (4) WSU General Education Requirement includes: (a) Foundational Competencies for BC, IC, OC, and (b) Inquiries in QR, CI, CIV, SI, NSI, DEI, GL

Web Sites for Course Equivalency: <http://www.transfercredit.wayne.edu/>

This is the order in which you must take classes.

EMT PRIORITY LEVEL 1:

MAT1800
 ET2160 or CSC1050
 PHY2130&2131
 CHM1020
 All Lower Division Tech (=18)

EMT PRIORITY LEVEL 2:

MAT3430*
 PHY2140&2141
 ET3030
 ET3850
 ET3870 or ET5870

EMT PRIORITY LEVEL 3:

MAT3450*
 EET3720
 EET3150
 EET3500

EMT TERMINAL COURSES:

EET4200 (Available after level3)
 MCT3010 (Availble after level 2)
 ET4999 (Available last semester)

* Feel free to take math before completing the prior level