

# WESTERN MICHIGAN UNIVERSITY

## College of Education and Human Development

### INDUSTRIAL TECHNOLOGY EDUCATION NON-VOCATIONAL

### Macomb Community College Transfer Guide

Minimum 122 Credit Hours Needed for Graduation; Secondary Education teachable minor required

CUM GPA OF 2.5 REQUIRED FOR ADMISSION TO UPPER PROFESSIONAL LEVEL AND TO INTERN TEACH

| GEN ED  | PRE-REQUISITES  | COURSES   | TRAN/SUB/GRADE                                       | CR HR   |
|---|---|---|--|---------|
| <b>REQUIRED COGNATE—DEPENDS ON MATH PLACEMENT</b>   |   |   |  |         |
| <b>Area VI</b>  | MATH 1100/placement test  | <b>PHYS 1070/1080</b> Elementary Physics and lab  | PHYS 1180  | 5       |
| <b>Total Credits (5 if needed)</b>  |   |   |  |         |
| <b>REQUIRED COURSES</b>   |   |   |  |         |
|   | Select one  | * <b>FCS 2140</b> Child Development <b>or</b><br>* <b>ED 2500</b> Human Development   | ECHS 1100 or<br>PSYC 2210 or 245                     | 3       |
| <b>Area VII</b>   | Select one  | <b>AVS 2800</b> Transportation Technology <b>or</b><br><b>EDMM 1220</b> Automobile in Society   |  | 3       |
| <b>Proficiency 1</b>  |   | * <b>ENGL 1050</b> Thought & Writing  | BCOM 2050 or<br>ENGL 1180 or 1190<br>or 1210 or 1220 | 4       |
|   |   | <b>FCS 1490</b> Design Com I: Architectural Drawing (f)   |  | 3       |
|   |   | <b>FCS 2400</b> Woodworking (sp odd years)  |  | 3       |
|   |   | <b>FCS 3530</b> Intro to Construction Environment (sp)  |  | 3       |
|   |   | <b>EDMM 1420</b> Engineering Graphics   |  | 3       |
|   |   | <b>EDMM 1430</b> Product Design Fundamentals (f)  |  | 3       |
| <b>Area VII</b>   |   | <b>EDMM 1500</b> Intro to Manufacturing   |  | 3       |
|   | PHYS 1070/1080 w/"C" or better                                  | <b>EDMM 2001</b> Applied Electricity & Electronics  |  | 3       |
|   | EDMM 1420   | <b>EDMM 2460</b> Intro to CAD   |  | 3       |
|   | CHEM 1100/1110 recommended                                      | <b>EDMM 2500</b> Plastics Properties & Processes  |  | 3       |
|   | EDMM 1500 recommended   | <b>EDMM 2540</b> Machining Processes  | ATMT 1150 or 1160                                    | 3       |
| <b>Total Credits (40)</b>   |   |   |  |         |
| <b>PROFESSIONAL LEVEL EDUCATION COURSES</b>   |   |   |  |         |
| MUST BE ACCEPTED TO UPPER LEVEL (35 HOURS COMPLETED; MTTC PRE PASSED; BACKGROUND CHECK COMPLETED; 2.5 GPA; APPLICATION TO CEHD) |   |   |  |         |
|   | Admission to upper level  | * <b>LS 3050</b> K-12 Content Literacy  |  | 3       |
| <b>Proficiency 2</b>  | Admission to upper level  | <b>WFED 3050</b> Career and Employability Skills (fall only)  |  | 3       |
|   | 56+ hours   | <b>WFED 5100</b> Special Populations in Workforce Education & Development   |  | 3       |
|   | 56+ hours   | <b>WFED 5120</b> Principles of Workforce Education & Development  |  | 3       |
|   | 56+ hours   | <b>WFED 5130</b> Teaching Methods in Workforce Education & Development  |  | 3       |
|   | 56+ hours   | <b>WFED 5420</b> Curriculum Development in Workforce Education & Development  |  | 3       |
|   | WFED 5130; 5420 (both may be taken concurrently with WFED 3480) | <b>WFED 3480</b> Student Assessment & Management – <i>pre-internship experience in a school setting required (minimum one day per week)</i> |  | 3       |
|   | All coursework must be completed                                | * <b>WFED 4100</b> Seminar in Education<br><b>WFED 4750</b> Intern Teaching in WFED   |  | 2<br>10 |
| <b>Total Credits (33)</b>   |   |   |  |         |

**\*Requires "C" grade or better**