

# WESTERN MICHIGAN UNIVERSITY

College of Education and Human Development

## INDUSTRIAL TECHNOLOGY EDUCATION NON-VOCATIONAL

### West Shore Community College Transfer Guide

**TNSJ**

tnsp

| GEN ED  | PRE-REQUISITES  | COURSES  | TRAN/SUB/GR               | 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   | PHY 232                   | 5                                  |
|   |   |  |                           | <b>Total Credits (5 if needed)</b> |
| <b>REQUIRED COURSES</b>                           |   |  |                           |                                    |
| <b>Area VII</b>                                   | <b>Select one</b>   | <b>AVS 2800</b> Transportation Technology <b>or</b><br><b>EDMM 1220</b> Automobile in Society  |                           | 3                                  |
| <b>Proficiency 1</b>                              | ENGL 1000/placement   | <b>*ENGL 1050</b> Thought & Writing  | ENG 111, 112              | 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   |                           | 3                                  |
|   |   |  |                           | <b>Total Credits (37)</b>          |
| <b>WORKFORCE EDUCATION AND DEVELOPMENT (WFED)</b> |   |  |                           |                                    |
| <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 (f/su II)   |                           | 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) (sp)</i> |                           | 3                                  |
|   |   |  |                           | <b>Total Credits (18)</b>          |
| <b>REQUIRED EDUCATION COURSES</b>                 |   |  |                           |                                    |
|   | <b>Select one</b>   | <b>*FCS 2140</b> Child Development <b>or</b><br><b>*ED 2500</b> Human Development  | ECE 130, ALH 114, PSY 262 | 3                                  |
|   | Admission to upper level  | <b>*LS 3050</b> K-12 Content Literacy  |                           | 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 (18)</b>          |

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

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