## Western Michigan University

**College of Education and Human Development**

**Industrial Technology Education Non-Vocational**

**Jackson 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**

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<table>
<thead>
<tr>
<th>GEN ED</th>
<th>PRE-REQUISITES</th>
<th>COURSES</th>
<th>TRAN/SUB/GRADE</th>
<th>CR HR</th>
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</thead>
<tbody>
<tr>
<td><strong>REQUIRED COGNATE—DEPENDS ON MATH PLACEMENT</strong></td>
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<tr>
<td>Area VI</td>
<td>MATH 1100/placement test</td>
<td>PHYS 1070/1080 Elementary Physics and lab</td>
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**REQUIRED COURSES**

<table>
<thead>
<tr>
<th>Area VII</th>
<th>Select one</th>
<th>COURSES</th>
<th>TRAN/SUB/GRADE</th>
<th>CR HR</th>
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<tbody>
<tr>
<td>Proficiency 1</td>
<td>ENGL 1000/placement</td>
<td>AVS 2800 Transportation Tech [or] EDMM 1220 Automobile in Society</td>
<td></td>
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<tr>
<td></td>
<td>*ENGL 1050 Thought &amp; Writing</td>
<td>ENG 131, 131A, 132, 232</td>
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<td></td>
<td>FCS 1490 Design Com I: Architectural Drawing (f)</td>
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<td></td>
<td>FCS 2400 Woodworking (sp odd years)</td>
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<td></td>
<td>FCS 3530 Intro to Construction Environment (sp)</td>
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<tr>
<td></td>
<td>EDMM 1420 Engineering Graphics</td>
<td>EGR 153</td>
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<td>3</td>
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<tr>
<td></td>
<td>EDMM 1430 Product Design Fundamentals (f)</td>
<td></td>
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<td>3</td>
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<tr>
<td>Area VII</td>
<td>EDMM 1500 Intro to Manufacturing</td>
<td></td>
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<tr>
<td></td>
<td>PHYS 1070/1080 w/&quot;C&quot; or better</td>
<td>EDMM 2001 Applied Electricity &amp; Electronics</td>
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<tr>
<td></td>
<td>CHEM 1100/1110 recommended</td>
<td>EDMM 2500 Plastics Properties &amp; Processes</td>
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<td></td>
<td>EDMM 1500 recommended</td>
<td>EDMM 2540 Machining Processes</td>
<td>MFG 150</td>
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<td>EDMM 1420</td>
<td>EDMM 2460 Intro to CAD</td>
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**Total Credits (37)**

### Career & Technical Education (CTE)

- **56+ hours**
  - CTE 5120 Principles of CTE
  - **3**

- **56+ hours**
  - CTE 5100 Special Populations in CTE
  - **3**

**Proficiency 2**

- **56+ hours**
  - CTE 3050 Career and Employability Skills
  - **3**

- **56+ hours**
  - CTE 5420 Curriculum Development in CTE
  - **3**

- **56+ hours**
  - CTE 5130 Teaching Methods in CTE
  - **3**

CTE 5130 & 5420 (may be taken concurrently), may take with LS 3050

CTE 3480 Student Assessment & Management – pre-internship experience in a school setting required (minimum one day per week)

**Total Credits (18)**

### Required Education Courses

- **Select one**
  - *FCS 2140 Child Development or* EDU 263
  - **3**

  Admission to Upper Level
  - *LS 3050 K-12 Content Literacy
  - **3**

  All coursework must be completed
  - *CTE 4100 Seminar in Education*
  - **2**
  - *CTE 4750 Intern Teaching in CTE*
  - **10**

**Total Credits (18)**

*Requires “C” grade or better*