# Industrial Technology Education Non-Vocational Major

**Western Michigan University**

**College of Education and Human Development**

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

**Cum GPA of 2.75 Required for Admission to Upper Professional Level and to Intern Teach**

Name: ___________________________ WIN: ___________________________ Catalog Year: ________

## WES Pre-Requisites

<table>
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<tr>
<th>WES</th>
<th>Pre-Requisites</th>
<th>Courses</th>
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<td>MATH 1100/placement test</td>
<td>PHYS 1070/1080 Elementary Physics and lab</td>
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**Total Credits (5 if needed)**

## Required Courses

**Level I: Writing**

Select one:

- AVS 2800 Transportation Technology or EDMM 1220 Automobile in Society
- *ENGL 1050 Thought & Writing
- FCS 1490 Design Com I: Architectural Drawing (f)
- FCS 2400 Woodworking (sp odd years)
- FCS 3530 Intro to Construction Environment (sp)
- EDMM 1420 Engineering Graphics
- EDMM 1430 Product Design Fundamentals (f)

**Level II: Scientific Literacy with Lab**

- PHYS 1070/1080 w/"C" or better
- EDMM 1420
- CHEM 1100/1110 recommended
- EDMM 1500 recommended

**Level II: Science and Technology (PS)**

- PHYS 1070/1080 w/"C" or better
- EDMM 2001 Applied Electricity & Electronics
- EDMM 2460 Intro to CAD
- CHEM 2100/2110 recommended
- EDMM 2500 Plastics Properties & Processes
- EDMM 2540 Machining Processes

**Total Credits (36)**

## Required WFED Courses

- Admission to upper level
- WFED 3050 Career and Employability Skills
- WFED 3480 Student Assessment & Management – pre-internship experience in a school setting required (minimum one day per week) (sp)

**Total Credits (18)**

## Required Education Courses

Select one:

- *FCS 2140 Child Development or ED 2500 Human Development
- *LS 3050 K-12 Content Literacy
- WFED 4100 Seminar in Education
- WFED 4750 Intern Teaching in WFED

**Total Credits (18)**

*Requires "C" grade or better

**Program Guide—Meet with a CEHD Advisor to Declare Major**

www.wmich.edu/education/advising

❖ May sub as Level II: Personal Wellness (DI) in 2020 catalog for CEHD majors only, pending final curriculum approval