### GEN ED
- **PRE-REQUISITES**
- **COURSES**
- **TRAN/SUB/GRADE**
- **CR HR**

### REQUIRED COGNATE—DEPENDS ON MATH PLACEMENT

#### Area VI
- **MATH 1100/placement test**
- **PHYS 1070/1080**
  - Elementary Physics and lab
  - **PHYS 221**
  - **5**
  - Total Credits (5 if needed)

### REQUIRED COURSES

#### Area VII
- **Select one**
  - **FCS 2140**
    - Child Development or
  - **ED 2500**
    - Human Development
  - **PHYS 1070/1080 w/“C” or better**
  - **AVS 2800**
    - Transportation Technology or
  - **EDMM 1220**
    - Automobile in Society

#### Proficiency 1
- **Select one**
  - **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)
  - **EDMM 1440**
    - Intro to CAD
  - **CHEM 1100/1110 recommended**
  - **EDMM 1450**
    - Intro to Manufacturing
  - **EDMM 2003 recommended**
    - Applied Electricity & Electronics
  - **EDMM 1460**
    - Intro to Plastic
  - **EDMM 2500**
    - Plastics Properties & Processes
  - **EDMM 2540**
    - Machining Processes

#### Area VII
- **Select one**
  - **EDMM 1500**
    - Intro to Manufacturing
  - **EDMM 1540**
    - Intro to CAD
  - **EDMM 2001**
    - Applied Electricity & Electronics
  - **EDMM 2540**
    - Machining Processes

### PROFESSIONAL LEVEL EDUCATION COURSES

**MUST BE ACCEPTED TO UPPER LEVEL** (35 HOURS COMPLETED; MTTC PRE PASSED; BACKGROUND CHECK COMPLETED; 2.5 GPA; APPLICATION TO CEHD)

<table>
<thead>
<tr>
<th>Admission to upper level</th>
<th>*LS 3050 K-12 Content Literacy</th>
<th>3</th>
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<tbody>
<tr>
<td><strong>Proficiency 2</strong></td>
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<tr>
<td>Admission to upper level</td>
<td><strong>WFED 3050</strong> Career and Employability Skills (fall only)</td>
<td>3</td>
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<tr>
<td>56+ hours</td>
<td><strong>WFED 5100</strong> Special Populations in Workforce Education &amp; Development</td>
<td>3</td>
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<tr>
<td>56+ hours</td>
<td><strong>WFED 5120</strong> Principles of Workforce Education &amp; Development</td>
<td>3</td>
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<tr>
<td>56+ hours</td>
<td><strong>WFED 5130</strong> Teaching Methods in Workforce Education &amp; Development</td>
<td>3</td>
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<tr>
<td>56+ hours</td>
<td><strong>WFED 5420</strong> Curriculum Development in Workforce Education &amp; Development</td>
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<td>WFED 5130; 5420 (both may be taken concurrently with WFED 3480)</td>
<td><strong>WFED 3480</strong> Student Assessment &amp; Management – pre-internship experience in a school setting required (minimum one day per week)</td>
<td>3</td>
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<td>All coursework must be completed</td>
<td><em>WFED 4100</em>* Seminar in Education</td>
<td>2</td>
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<td><strong>WFED 4750</strong> Intern Teaching in WFED</td>
<td>10</td>
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Total Credits (33)

*Requires “C” grade or better*