### Required Cognate—Depends on Math Placement

<table>
<thead>
<tr>
<th>Area VI</th>
<th>MATH 1100/placement test</th>
<th>PHYS 1070/1080 Elementary Physics and lab</th>
<th>PSY 110 or 121</th>
<th>5</th>
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### Required Courses

#### Area VI
- Select one from:
  - *FCS 2140* Child Development or
  - *ED 2500* Human Development
- *AVS 2800* Transportation Technology or
- *EDMM 1220* Automobile in Society

#### Area VII
- Select one from:
  - *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)

#### Proficiency 1
- *PHYS 1070/1080* w/“C” or better
- *EDMM 1420* Engineering Graphics
- *EDMM 1430* Product Design Fundamentals (f)
- *EDMM 1500* Intro to Manufacturing
- *EDMM 2001* Applied Electricity & Electronics
- *EDMM 2460* Intro to CAD
- *CHEM 1100/1110* recommended
- *EDMM 2500* Plastics Properties & Processes
- *EDMM 1500* recommended
- *EDMM 2540* Machining Processes

Total Credits (5 if needed)

### Professional Level Education Courses

#### Proficiency 2
- Admission to upper level
- *LS 3050* K-12 Content Literacy
- Admission to upper level
- *WFED 3050* Career and Employability Skills (fall only)
- 56+ hours
- *WFED 5100* Special Populations in Workforce Education & Development
- 56+ hours
- *WFED 5120* Principles of Workforce Education & Development
- 56+ hours
- *WFED 5130* Teaching Methods in Workforce Education & Development
- 56+ hours
- *WFED 5420* Curriculum Development in Workforce Education & Development
- WFED 5130; 5420 (both may be taken concurrently with WFED 3480)
- *WFED 3480* Student Assessment & Management – pre-internship experience in a school setting required (minimum one day per week)

Total Credits (33)

*Requires “C” grade or better