### Required Cognates

- **Area VI**
  - MATH 1100/Placement Test
  - PHYS 1070/1080 Elementary Physics and Lab

  **Total Credits (5 if needed)**

### Required Courses

#### Area VII

- Select one
  - AVS 2800 Transportation Technology or EDMM 1220 Automobile in Society

- **Proficiency 1**
  - ENGL 1000/Placement
  - *ENGL 1050* Thought & Writing

  **Total Credits (4)**

- 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)
- PHYS 1070/1080 w/"C" or better
- EDMM 2001 Applied Electricity & Electronics
- EDMM 1420
- EDMM 2460 Intro to CAD
- CHEM 1100/1110 recommended
- EDMM 2500 Plastics Properties & Processes
- EDMM 1500 recommended

  **Total Credits (37)**

### Workforce Education and Development (WFED)

#### Proficiency 2

- Admission to upper level
  - WFED 3050 Career and Employability Skills (fall only)
- 56+ hours
  - WFED 5100 Special Populations in Workforce Education & Development
  - WFED 5120 Principles of Workforce Education & Development
  - WFED 5130 Teaching Methods in Workforce Education & Development (F/su II)
  - WFED 5420 Curriculum Development in Workforce Education & Development
  - WFED 5130; 5420 (both may be taken concurrently with WFED 3480)

  **Total Credits (18)**

### Required Education Courses

- Select one
  - *FCS 2140* Child Development or *ED 2500* Human Development
  - *LS 3050* K-12 Content Literacy
  - All coursework must be completed
  - *WFED 4100* Seminar in Education
  - WFED 4750 Intern Teaching in WFED

  **Total Credits (18)**

---

**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*