

INDUSTRIAL TECHNOLOGY EDUCATION VOCATIONAL

Grand Rapids Community College Transfer Guide

Minimum 122 Credit Hours Needed for Graduation; Teachable minor in Graphic Arts or Drafting required
CUM GPA OF 2.5 REQUIRED FOR ADMISSION TO UPPER PROFESSIONAL LEVEL AND TO INTERN TEACH

| GEN ED | PRE-REQUISITES | COURSES | TRAN/SUB/GRA | CR HR |
|---|---|--|---------------------------------|---------|
| REQUIRED COGNATE—DEPENDS ON MATH PLACEMENT | | | | |
| Area VI | MATH 1100/placement test | PHYS 1070/1080 Elementary Physics and lab | PH 115 OR 125 | 5 |
| Total Credits (5 if needed) | | | | |
| REQUIRED COURSES | | | | |
| | Select one | * FCS 2140 Child Development or * ED 2500 Human Development | CD 118, PY 233 | 3 |
| Area VII | Select one | AVS 2800 Transportation Technology or EDMM 1220 Automobile in Society | | 3 |
| Proficiency 1 | | * ENGL 1050 Thought & Writing | BA 102, EN 101, 102, 249 | 4 |
| | | FCS 1490 Design Com I: Architectural Drawing (f) | INT 127 | 3 |
| | | FCS 2400 Woodworking (sp odd years) | | 3 |
| | | FCS 3530 Intro to Construction Environment (sp) | | 3 |
| | | EDMM 1420 Engineering Graphics | EG 110 | 3 |
| | | EDMM 1430 Product Design Fundamentals (f) | | 3 |
| Area VII | | EDMM 1500 Intro to Manufacturing | MN 100 | 3 |
| | PHYS 1070/1080 w/"C" or better | EDMM 2001 Applied Electricity & Electronics | | 3 |
| | EDMM 1420 | EDMM 2460 Intro to CAD | | 3 |
| | CHEM 1100/1110 recommended | EDMM 2500 Plastics Properties & Processes | MN 219 & 220 | 3 |
| | EDMM 1500 recommended | EDMM 2540 Machining Processes | MN 119 or 199 or 199A & 199B | 3 |
| Total Credits (40) | | | | |
| WORKFORCE EDUCATION AND DEVELOPMENT (WFED) | | | | |
| TO TAKE THE FOLLOWING YOU MUST BE ACCEPTED INTO THE UPPER PROFESSIONAL LEVEL | | | | |
| | Admission to upper level | * LS 3050 K-12 Content Literacy | | 3 |
| Proficiency 2 | Admission to upper level | WFED 3050 Career and Employability Skills (fall only) | | 3 |
| | 56+ hours | WFED 5100 Special Populations in Workforce Education & Development | | 3 |
| | 56+ hours | WFED 5120 Principles of Workforce Education & Development | | 3 |
| | 56+ hours | WFED 5130 Teaching Methods in Workforce Education & Development (f/su II) | | 3 |
| | 56+ hours | WFED 5420 Curriculum Development in Workforce Education & Development | | 3 |
| | WFED 5130; 5420 (both may be taken concurrently with WFED 3480) | WFED 3480 Student Assessment & Management – <i>pre-internship experience in a school setting required (minimum one day per week) (sp)</i> | | 3 |
| | All coursework must be completed | * WFED 4100 Seminar in Education WFED 4750 Intern Teaching in WFED | | 2 10 |
| Total Credits (33) | | | | |

*Requires "C" grade or better

Minor: Graphic Arts Drafting

Career and Technical Education minors in Graphic Arts or Drafting require 4000 hours of recent and relevant work experiences for vocational endorsement.

See [Verification of Work Experience form](#)