

WESTERN MICHIGAN UNIVERSITY

TNSJ

College of Education and Human Development

INDUSTRIAL TECHNOLOGY EDUCATION NON-VOCATIONAL

Montcalm Community College Transfer Guide

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

| 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 112 | 5 |
| Total Credits (5 if needed) | | | | |
| REQUIRED COURSES | | | | |
| Area VII | Select one | AVS 2800 Transportation Tech or EDMM 1220 Automobile in Society | | 3 |
| Proficiency 1 | ENGL 1000/placement | *ENGL 1050 Thought & Writing | ENGL 100, 101; INDS 140 | 4 |
| | | FCS 1490 Design Com I: Architectural Drawing (f) | | 3 |
| | | FCS 2400 Woodworking (sp odd years) | | 3 |
| | | FCS 3530 Intro to Construction Environment (sp) | | 3 |
| | | EDMM 1420 Engineering Graphics | TDSN 100 | 3 |
| | | EDMM 1430 Product Design Fundamentals (f) | | 3 |
| Area VII | | EDMM 1500 Intro to Manufacturing | INDS 260 | 3 |
| | PHYS 1070/1080 w/"C" or better | EDMM 2001 Applied Electricity & Electronics | ELEC 111 AND 112 | 3 |
| | CHEM 1100/1110 recommended | EDMM 2500 Plastics Properties & Processes | | 3 |
| | EDMM 1500 recommended | EDMM 2540 Machining Processes | | 3 |
| | EDMM 1420 | EDMM 2460 Intro to CAD | | 3 |
| Total Credits (37) | | | | |
| CAREER & TECHNICAL EDUCATION (CTE) | | | | |
| | 56+ hours | CTE 5120 Principles of CTE | | 3 |
| | 56+ hours | CTE 5100 Special Populations in CTE | | 3 |
| Proficiency 2 | | CTE 3050 Career and Employability Skills | | 3 |
| | 56+ hours | CTE 5420 Curriculum Development in CTE | | 3 |
| | 56+ hours | CTE 5130 Teaching Methods in CTE | | 3 |
| | CTE 5130 & 5420 (may be taken concurrently); may take with LS 3050 | CTE 3480 Student Assessment & Management – <i>pre-internship experience in a school setting required (minimum one day per week)</i> | | 3 |
| Total Credits (18) | | | | |
| REQUIRED EDUCATION COURSES | | | | |
| | Select one | *FCS 2140 Child Development or *ED 2500 Human Development | ECDV 125 | 3 |
| | Admission to Upper Level | *LS 3050 K-12 Content Literacy | | 3 |
| | All coursework must be completed | *CTE 4100 Seminar in Education CTE 4750 Intern Teaching in CTE | | 2 10 |
| Total Credits (18) | | | | |

***Requires "C" grade or better**