

WESTERN MICHIGAN UNIVERSITY

TNSJ

College of Education and Human Development

INDUSTRIAL TECHNOLOGY EDUCATION NON-VOCATIONAL

North Central Michigan 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		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	ENG 111, 112	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	ENGR 107	3
		EDMM 1430 Product Design Fundamentals (f)		3
Area VII		EDMM 1500 Intro to Manufacturing		3
	PHYS 1070/1080 w/"C" or better	EDMM 2001 Applied Electricity & Electronics		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		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**