

Catalog year
2021 to Present
Updated: 4/23/2021

Industrial Technology Education Vocational Major

Western Michigan University

College of Education and Human Development

Minimum 122 Credit Hours Needed for Graduation; Teachable minor in Graphic Arts or Drafting required
CUM GPA OF 2.75 REQUIRED FOR ADMISSION TO UPPER PROFESSIONAL LEVEL AND TO INTERN TEACH

Name: _____ WIN: _____ Catalog Year: _____

WES	PRE-REQUISITES	COURSES	TRAN/SUB/GRADE	CR
REQUIRED COGNATE				
Level II: Scientific Literacy with Lab	MATH 1100/placement test	PHYS 1070/1080 Elementary Physics and lab		5
Total Credits (5 if needed)				
REQUIRED COURSES				
	Select one	*FCS 1030 Lifespan Development or *FCS 2150 Adolescent Development		3
	Select one	AVS 2800 Transportation Technology or EDMM 1220 Automobile in Society		3
Level I: Writing		*ENGL 1050 Thought & Writing		3
		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		3
		EDMM 1430 Product Design Fundamentals (f)		3
Level II: Science and Technology		EDMM 1500 Intro to Manufacturing		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		3
	EDMM 1500 recommended	EDMM 2540 Machining Processes		3
Total Credits (39)				
REQUIRED EDUCATION COURSES				
	Admission to upper level	*LS 3050 K-12 Content Literacy		3
❖ Level II: Societies & Cultures	Admission to upper level	WFED 3050 Career and Employability Skills		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 – pre-internship experience in a school setting required (minimum one day per week) (sp)		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](#)

PROGRAM GUIDE—MEET WITH A CEHD ADVISOR TO DECLARE MAJOR: www.wmich.edu/education/advising

❖ May fulfill WES Diversity and Inclusion requirement for CEHD majors only, pending final curriculum approval