

MINOR: **GRA DRA MWK WDK**

WESTERN MICHIGAN UNIVERSITY
College of Education Office of Admissions and Advising
Career and Technical Education
Industrial Technology Vocational Major (IVSJ)

NAME: _____ SS#: _____ CATALOG: _____

(PREREQUISITES)	COURSE	CR.HRS.	SUB/TRAN/GRADE	HRS.
REQUIRED COURSES: 37 HOURS				
	AVS 2800 – Transportation Tech: Policy, Perils, Promise	3		
	FCS 2050 – Introduction to the Construction Environment	3		
	CCE 1490 – Introduction to Architectural Drawing	3		
(IME 1420)	ID 2220 – Wood Furniture Design	3		
(ID 2220 and IME 2460)	ID 3220 – Advanced Woodworking Design	3		
(MATH 1110)	ECE 1000 – Fundamentals of Circuits & Electronics	3		
(ECE 1000)	ECE 1010 – Fundamentals of Electronics & Machines	3		
	ENGL 1050 – Thought & Writing	4		
	IME 1420 – Engineering Graphics	3		
	IME 1500 – Introduction to Manufacturing	3		
	IME 2540 – Machining Processes	3		
(IME 1420)	IME 2460 – Introduction to Computer-Aided Design	3		
CAREER & TECHNICAL EDUCATION: 18 HRS.				
	CTE 3050 – Career and Employability Skills	3		
(56+ credit hours)	*CTE 5420 – Curriculum Development in CTE	3		
(56+ credit hours)	CTE 5130 – Teaching Methods for CTE	3		
(CTE 5420; 5130; may take with ED 3050)	▶ CTE 3480 – Student Assessment & Management	3		
	CTE 5100 – Special Populations in CTE	3		
	CTE 5120 – Principles of Career and Technical Education	3		
REQUIRED EDUCATION COURSES: 18 HRS.				
("C" grade required in this course)	FCS 2140 or ED 2500 – Human Growth & Development	3		
("C" grade required in this course)	ED 3050 – K-12 Content Literacy	3		
	CTE 4100 – Seminar in Education	2		
	CTE 4750 – Intern Teaching in CTE	10		

NOTE: THIS MAJOR REQUIRES VOCATIONAL CERTIFICATION IN ONE OF THE MINORS LISTED ABOVE

SEE MINOR GUIDE FOR VOCATIONAL CERTIFICATION REQUIREMENT

*This course satisfies the baccalaureate writing requirement

▶ Pre-internship experience in a school setting required

ADVISOR _____ DATE _____ STUDENT SIGNATURE _____