

Muskegon Community College – Western Michigan University Teacher Education Preparation Program

Program of Work for Drafting Technology

The articulated program will allow a student to complete a teacher education program with a major in **Drafting Technology** (with **VT endorsement**) and an appropriate teachable minor.

Note: The VT endorsement requires 4000 hours of recent and relevant work experience.

University Graduation Requirements include:

- Minimum: 122 credits
- Minimum: 2.0 cumulative GPA
- Minimum: 30 credits from WMU (No credit by exam, self-instructional, or correspondence except General University Studies (GUS) through Extended University Programs)
- Minimum: 10 of the last 30 credits from WMU (No credit by exam, self-instructional, or correspondence except GUS)
- Minimum: One-half total required credits from 4-year institution

I. Admission to the WMU teacher education program will include these requirements:

- A. 2.5 or higher Grade point
- B. Satisfactory completion of the State of Michigan Basic Skills Test (math, reading, communication)
- C. ED 250 (MCC) or Human Growth and Development-ED 250 at WMU satisfactorily completed

II. Teaching **major** satisfied by choosing 30 credits from this list of MCC courses:

AMT/CIS 129	Introduction to Technology	3 credits
DFT 101	Fundamentals of Industrial Drafting	3 credits
DFT 102	Elements of Machine Drafting	3 credits
DFT 201	Geometry of Drafting	3 credits
DFT 203	Introduction to Die Design	3 credits
DFT 204	Jig & Fixture Design	3 credits
DFT 205	Production Drafting	3 credits
DFT 206A	Computer-Aided Design (Auto-CAD)	3 credits
DFT 207	Geometric Dimensioning & Tolerancing	3 credits
DFT 211	Advanced Computer-Aided Design	3 credits
DFT 212	Three Dimensional Computer Aided Design	3 credits
MET 201	Metallurgy	3 credits
MT 205	NC/CNC (Numerical Control/Computer Numerical Control)	3 credits
MT 101A	Basic Machining	3 credits
TECH 290CI	Cooperative Internship Program	3 credits
W 101	Basic Welding	3 credits

III. Teaching **minor** satisfied by taking at least 20 semester hours of WMU courses in an appropriate secondary education minor