

Kalamazoo Valley Community College – Western Michigan University Teacher Education Preparation Program

Program of Work for Drafting

The articulated program will allow a student to complete a teacher education program with a major in **Drafting** (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 Continuing Education)
- 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. PSY 160 (KVCC) and MSC 114 (KVCC) satisfactorily completed

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

DRFT 100	Fundamentals of Drafting	3 credits
DRFT 101	Technical Drafting	3 credits
DRFT 102	Production Drafting	3 credits
DRFT 105	Blueprint Reading	2 credits
DRFT 113	Architectural Blueprint Reading	3 credits
DRFT 120	Descriptive Geometry	3 credits
DRFT 150	Computer Aided Drafting	4 credits
DRFT 155	AutoCAD Computer Aided Drafting	4 credits
DRFT 201	Machine Design	4 credits
DRFT 205	Mold Design	3 credits
DRFT 210	Kinematics of Mechanisms	3 credits
DRFT 250	CAD Solids	3 credits
DRFT 255	Advanced AUTOCAD/3D	3 credits
DRFT 266	CAD-CAM	4 credits
MACH101	Trends in Manufacturing	3 credits
MSM 120	Basic Fluid Power	2 credits
MSM 240	Statics & Strength of Materials	4 credits
MSM 260	Metallurgy and Mechanical Testing	4 credits

Teaching **minor** completed by choosing 21 credits of the WMU courses in an appropriate program.