

Jackson Community College – Western Michigan University
Occupational Education Studies
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. PSY 252 (JCC) or Human Growth and Development-ED 250 at WMU satisfactorily completed

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

CAD 121	Technical Drafting I	4 credits
CAD 122	Technical Drafting II	4 credits
CAD 131	Computer Assisted Drafting I (AutoCAD)	3 credits
CAD 132	Computer Assisted Drafting II (AutoCAD)	3 credits
CAD 133	Computer Assisted Drafting III (AutoCAD)	3 credits
CAD 241	Mechanical Design I (Jig & Fixture)	
Or CAD 261	Mechanical Detailing I	4 credits
CAD 243	Mechanical Design II (Die)	
Or CAD 262	Mechanical Detailing II	4 credits
CAD 248	Mechanical Design III (Machine)	
Or CAD 263	Mechanical Detailing III	4 credits
MTT 105	Machine Tool Technology I	4 credits
MTT 133	Metallurgy	3 credits
QCT 115	Basic Coordinate Measuring Machine Techniques	1 credit
QCT 141	Statistical Process Control: X-Bar and R Charts	1 credit
QCT 142	Control Chart Interpretation	1 credit

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