

**Lansing Community College – Western Michigan University**  
**Teacher Education Preparation Program**

**Program of Work for CADD/Drafting and Design**

The articulated program will allow a student to complete a teacher education program with a major in **CADD/Drafting and Design** (with **VT endorsement**) and a teachable minor in an appropriate secondary education program). **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. PSYC 205 (LCC) or Human Growth and Development-ED 250 at WMU satisfactorily completed

II. Teaching **major** satisfied at LCC by taking 30 credits from the following:

CNCP 105	Basic Machining Processes	3 credits
CADD 101	Drafting I	4 credits
CADD 102	Drafting II	4 credits
CADD 103	Geometric Tolerancing	3 credits
CADD 104	Descriptive Geometry	4 credits
CADD 282	Die Design and Construction	4 credits
CADD 284	Jigs and Fixture Design	4 credits
MACH 100	Manufacturing Processes	4 credits
MACH 135	Metallurgy and Heat Treat	4 credits
MATH 114	Technical Math I	4 credits
MATH 115	Technical Math II	4 credits

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