

Muskegon Community College – Western Michigan University Teacher Education Preparation Program

Program of Work for Electronics Technology

The articulated program will allow a student to complete a teacher education program with a major in **Electronics 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 100	Introduction to Drafting OR	3 credits
DFT 101	Fundamentals of Industrial Drafting	
ELTC 150	Industrial Electricity	3 credits
ELTC 160	Programmable Controllers	3 credits
ELTR 101	Electronics Basic	4 credits
ELTR 102	Active Devices & Circuit Analysis	5 credits
ELTR 112	Digital Electronics 1	3 credits
ELTR 201A	Communications (Principles and Servicing)	4 credits
ELTR 202A	Industrial Electronic Systems	4 credits
ELTR 205	Electronic Circuit Design	3 credits
ELTR 210	Introduction to Microprocessors	3 credits
ELTR 211A	Microcomputer Interfacing	3 credits
ELTR 212	Medical Instrumentation and Measurement	4 credits
ELTR/CIS 109	Personal Computer Maintenance	2 credits
HP 101	Hydraulics/Pneumatics	3 credits
TECH 290CI	Cooperative Internship Program	3 credits

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