

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

## Program of Work for Electrical Technology

The articulated program will allow a student to complete a teacher education program with a major in **Electrical 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 160 (KVCC) or Human Growth and Development-ED 250 at WMU satisfactorily completed

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

CIS 110	PC Operating Systems	3 credits
ELT 100	Basic Electricity	2 credits
ELT 102	Applied Electricity	4 credits
ELT 103	Industrial Electronics	4 credits
ELT 110	Resident Wire and Code	3 credits
ELT 115	Commercial Wiring and Code 1	3 credits
ELT 120	Electrical Machines	3 credits
ELT 215	Installing Commercial Wiring	3 credits
ELT 218	Introduction to AC Drives	3 credits
ELT 220	Motor Control	3 credits
ELT 222	Programmable Control	3 credits
ELT 224	Machine Panel Design and Fabrication	3 credits
MSM 102	Basics of Mechanical Technology	2 credits
MSM 120	Basic Fluid Power	2 credits

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