

# Grand Rapids 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 (with VT endorsement)** and a teachable minor in an appropriate 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. CD 118 (GRCC) or Human Growth and Development-ED 250 at WMU satisfactorily completed

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

|        |                               |           |
|--------|-------------------------------|-----------|
| EL 106 | Technical Electricity         | 4 credits |
| EL 107 | Basic Electronics             | 4 credits |
| EL 108 | Electronic Servicing          | 2 credits |
| EL 160 | Electronic Fabrication        | 2 credits |
| EL 161 | Introduction to Digital Logic | 2 credits |
| EL 201 | Industrial Electricity        | 3 credits |
| EL 202 | Communications Electronics    | 3 credits |
| EL 203 | Applied Measurements          | 3 credits |
| EL 204 | Electronics (Industrial)      | 3 credits |
| EL 205 | Transistor Electronics        | 3 credits |
| EL 262 | Digital Logic Circuits        | 2 credits |
| EL 264 | Linear Integrated Circuits    | 2 credits |

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