

Bay de Noc Community College – Western Michigan University Occupational Education Studies Articulated Teacher Education Program
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Program of Work for **Electronics**

The articulated program will allow a student to complete a teacher education program with a major in **Electronics** (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. PY 220 (BNCC) or Human Growth and Development-ED 250 at WMU satisfactorily completed

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

CG 110	Introduction to CAD	4 credits
ET 110	DC Fundamentals	3 credits
ET 120	AC Fundamentals	3 credits
ET 160	Electronics I	4 credits
ET 170	Digital Fundamentals	4 credits
ET 180	Electrical Mach. & Controls	4 credits
ET 190	LabVIEW-Graphical Programming for Process Ctrl.	2 credits
ET 205	Electronic Communications	4 credits
ET 210	Electronics II	4 credits
ET 230	Microprocessors	4 credits
ET 245	Soldering Techniques	3 credits
ET 255	PC Troubleshooting & Repair	4 credits
ET 270	Advanced Process Control	4 credits
ET 272	Electronics Technology Co-op	1-8 credits
ET 275	ISCET Preparation	3 credits
ET 285	Fluid Power	4 credits
ET 295	Pneumatics and Electrical Controls	4 credits

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