

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

**Program of Work for Heating and Air Conditioning**

The articulated program will allow a student to complete a teacher education program with a major in **Heating and Air Conditioning (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:

HVAC 100	Fundamentals of Heating, Ventilating, & Air Conditioning	3 credits
HVAC 105	Sheet Metal Fabrication and Installation	2 credits
HVAC 110	Applied Electricity I	2 credits
HVAC 111	Applied Electricity II	2 credits
HVAC 120	Heating I	4 credits
HVAC 130	Air Conditioning I	4 credits
HVAC 201	Mechanical Code	4 credits
HVAC 211	Schematics	3 credits
HVAC 220	Heating II	4 credits
HVAC 221	Introduction to Hydronics	3 credits
HVAC 230	Air Conditioning II	4 credits
HVAC 231	Heat Pump	3 credits
HVAC 240	Refrigeration I	4 credits
HVAC 241	Refrigeration II	4 credits
HVAC 250	Pneumatic Control	3 credits

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