

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

Program of Work for Heating, Air Conditioning and Refrigeration

The articulated program will allow a student to complete a teacher education program with a major in **Heating, Air Conditioning and Refrigeration (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 with 30 credits from this list of KVCC courses:

DRFT 113	Architectural Blueprint Reading	3 credits
MSM 102	Basics of Mechanical Tech	2 credits
HVAC 110	Duct/Hydronic Systems	2 credits
HVAC 114	Electricity for HVAC Controls 1	3 credits
HVAC 115	Electricity for HVAC Controls 2	3 credits
HVAC 120	Refrigeration 1	3 credits
HVAC 121	Refrigeration 2	3 credits
HVAC 125	EPPA Recovery/Certification	1 credits
HVAC 205	Heating Concepts & Systems 1	3 credits
HVAC 206	Heating Concepts & Systems 2	3 credits
HVAC 209	Oil Burners	2 credits
HVAC 210	HVAC/R Controls 1	3 credits
HVAC 215	Hydronics	2 credits
HVAC 220	Heating/Air-conditioning Systems Design	3 credits
HVAC 278	Heating, Air-conditioning, and Refrigeration Internship	3 credits

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