

HVACR Technician

Location

Canton, MI

Catalog

UTI Canton

Delivery Method

Traditional

The HVACR (Heating, Ventilation, Air-conditioning, and Refrigeration) Technician Program is a combination of classroom, hands-on assignments, and outside/homework. The program consists of four phases: heating, ventilation, air-conditioning, and refrigeration. Students will develop troubleshooting skills, learn the proper and safe handling of potentially hazardous materials, understand how to balance ventilation systems, and develop a variety of other skills necessary to perform the functions of a HVACR technician.

Upon successful completion of this program, graduates may have entry level career opportunities in a variety of areas in the HVACR industry to include residential and commercial heating, air-conditioning, and refrigeration. A sample of job titles include: AC Technician, Environmental Technician, Building Maintenance Technician, Installation Technician, Apprentice, Industrial Air Handling Technician, Refrigeration Technician, and Furnace Repair Technician.

Months/Quarters

10 Months (4 Quarters)

Quarter Clock Hours

960.00

Hours

529 Didactic (Theory) Hours, 431 Lab (Hands-on) Hours

HVACR

Subject #	Name	Lec	Lab	Ext	Total	Qtr
HV001-4	HVACR Core, Basic Electricity and Motors	84.00	36.00	0.00	120.00	7.50
HV004-4	Fundamentals of Refrigeration	58.00	62.00	0.00	120.00	7.00
HV005-4	Heating Systems I	43.00	17.00	0.00	60.00	3.50
HV006-4	Indoor Air Fundamentals	30.00	30.00	0.00	60.00	3.50
HV007-4	Heating Systems II	42.00	78.00	0.00	120.00	7.00
HV008-4	Air Conditioning and Alternative Systems	48.00	72.00	0.00	120.00	7.00
HV010-4	Sheetmetal, Installation, Codes, and EPA	84.00	36.00	0.00	120.00	7.50
HV012-4	Building Management and NATE Core	80.00	40.00	0.00	120.00	7.50
HV014-4	Commercial Refrigeration I	36.00	24.00	0.00	60.00	3.50
HV015-5	Commercial Refrigeration II	24.00	36.00	0.00	60.00	3.50
Totals		529	431	0	960	57.5