

HVAC TECHNICIAN CERTIFICATE

Students in this 12-credits, 200-hour program will be introduced to the fundamentals of heating, ventilating, and air conditioning. The program covers heating and refrigeration cycles, gas furnaces, refrigerants, system evacuation and charging, as well as meters and components used in associated systems. Upon successful completion, students will sit for the Universal 608 EPA exam and receive the NCCER certification for Heating, Ventilation, Air conditioning and Refrigeration (HVAC). In addition, the course covers the electrical laws and principles pertaining to DC and AC circuits, which includes current, voltage, resistance, power, load, panels, feeders, lamps, motors, and fuses, and an introduction to wiring methods and materials. The program also includes installation and replacement of air conditioning equipment, heaters, GFCIs, switches, receptacles, raceways, and thermostats in conformance with the National Electric Code (NEC).

Certificate - HVAC Technician

Missoula College

Degree Specific Credits: 12

Required Cumulative GPA: 2.0

Catalog Year: 2017-2018

Summary

Required Courses	12
Total Hours	12

Required Courses

Rule: All courses required

FME 122	Electricity	6
FME 130	Heating & Air Conditioning	6
Total Hours		12

Minimum Required Grade: C-