

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 of Completion - HVAC Technician

Missoula College

Degree Specific Credits: 18

Required Cumulative GPA: 2.0

Catalog Year: 2018-2019

Summary

Code	Title	Hours
Required Courses		18
Total Hours		18

Required Courses

Code	Title	Hours
Complete all of the following courses:		
FME 122	Electricity	6
FME 130	Heating & Air Conditioning	6
FME 192	Independent Study	3
NRGY 120	Industrial Safety and Rigging	3
Total Hours		18

Minimum Required Grade: C-