
Heating Ventilation & Air Cond (HVAC)

HVAC 060 **Fundamentals of HVAC** (3)

Class Hours: 18 Lecture | 108 Laboratory

Advisory(s): IMT-060

Fundamentals of HVAC

HVAC 060 provides students with fundamentals of mathematics and electricity as they apply to heating and cooling. An overview of air distribution systems is also covered.

HVAC 061 **Intro. Heating and Refrigerati** (4)

Class Hours: 18 Lecture | 162 Laboratory

Advisory(s): IMT-060

Introduction to Heating and Refrigeration Cycles

HVAC 061 provides students with an introduction to the concepts of how pressure is used to generate heating and cooling in refrigeration and heat pumps. Maintenance of systems will also be introduced.

HVAC 062 **HVAC Installation and Trouble** (4)

Class Hours: 18 Lecture | 162 Laboratory

Advisory(s): IMT-060 and HVAC-060

HVAC Installation and Troubleshooting

HVAC 062 is an intermediate course in the Heating, Ventilating, and Air Conditioning program. Topics include practical and theoretical training in Fasteners, Hardware, Wiring terminations, Control Circuit and Motor Troubleshooting. This course also includes troubleshooting the following areas of HVAC systems including cooling, heat pumps, gas heating, oil heating, and accessories.

HVAC 063 **Advanced HVAC Systems** (4)

Class Hours: 18 Lecture | 162 Laboratory

Advisory(s): IMT-060 and HVAC-061

Advanced HVAC Systems

HVAC 063 provides students with advanced knowledge of residential and commercial HVAC systems including water, steam and air quality related to efficient operation. Advanced skills needed in the workforce including system startup, reading construction drawings and crew leadership will also be covered.
