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## Heating Ventilation & Air Cond (HVAC)

### **HVAC 060 Heating, Ventilating, & Air Cond Level I (3)**

*Class Hours: 18 Lecture | 108 Laboratory*

HVAC 060 is an introduction to the Heating, Ventilating and Air Conditioning industry. Topics include practical and theoretical training in trade mathematics, basic electricity, introduction to heating and cooling, and an introduction to air distribution systems.

### **HVAC 061 Heating, Ventilating, & Air Cond Lev II (4)**

*Class Hours: 18 Lecture | 162 Laboratory*

HVAC 061 is an intermediate course in the Heating, Ventilating, and Air Conditioning program. Topics include practical and theoretical training in alternating current, compressors, refrigerants and oils, basic maintenance and duct systems.

### **HVAC 062 Heating, Ventilating, & Air Cond Lev III (4)**

*Class Hours: 18 Lecture | 162 Laboratory*

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 Heating, Ventilating, & Air Cond Lev IV (4)**

*Class Hours: 18 Lecture | 162 Laboratory*

HVAC 063 is an advanced course in the Heating, Ventilating, and Air Conditioning program. Topics include practical and theoretical training in water treatment, indoor air quality, energy conservation equipment, building management systems, system air balancing, system startup and shutdown, construction drawings and specifications, system design, commercial/industrial refrigeration systems, alternative and specialized heating and cooling systems, and fundamentals of crew leadership.

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