

Program Description

The Air Conditioning and Heating Technology diploma program is an excellent choice for students desiring to work in residential and light commercial heating, ventilation, and air conditioning (HVAC). Students gain practical knowledge and experience in the classroom and shop using modern test equipment and tools used in the HVAC industry. Students are trained by seasoned HVAC technicians that bring with them years of experience and a variety of industry related certifications. This program prepares graduates for entry-level employment in the HVAC industry and is an excellent preparation tool for taking industry related certification exams. Students will have the opportunity to obtain certification in Section 608 EPA.

Course #	Course Requirements	Clock Hours	Credit Hours
ORN120	Fundamentals of Technology	100	4
HVA121	Fundamentals of HVAC and Refrigeration	100	4
ELC122	Basic Electricity and Circuits	100	4
ELC123	Intermediate Electricity and Schematics	100	4
IMT124	Metal Repair and Fabrication	100	4
HVA125	Heating Systems	100	4
HVA139	HVAC System Design and Installation	100	4
HVA227	Air Conditioners	100	4
HVA228	Heat Pumps/All Weather Systems	100	4
HVA236	Commercial Refrigeration	100	4
HVA241	Commercial HVAC Systems	100	4
IMT260	Industrial Control Systems	100	4
Total		1,200	48

- Students attend class four days per week on various schedules
- Program length is approximately 15 months (including breaks and holidays) - all schedules
- At the successful completion of the program, the student will receive a Diploma in Air Conditioning and Heating Technology