

Air Conditioning Technology: Refrigeration

Associate in Occupational Studies Degree

The Air Conditioning Technology program is designed to prepare students to meet the growing needs of the residential, commercial, and industrial air conditioning, heating, and refrigeration industries. This program prepares students for careers as heating and cooling service technicians, installers, lab technicians, and facilities maintenance mechanics. Coursework in the areas of air conditioning, heating, electricity, electronics, design, installation, and troubleshooting are reinforced with hands on laboratory practicum.

A scientific calculator, digital multi-meter, electronic breadboard and hand tools are required.

Total Credit Hours: 64

First Semester

CF100 College Foundations Seminar	1.0
ET105 Computer Cont Fund	2.0
ET108 Refrigeration 1	4.0
ET101 Tech Electricity 1	3.0
MA105 Technical Math 1	4.0
PE Physical Education	0.5

Second Semester

ET102 Tech Electricity 2	3.0
ET209 Refrigeration 2	5.0
ET220 Air Conditioning Principles	4.0
ET123 Proper Refrigerant Usage	3.0
PE Physical Education	0.5

Third Semester

ET104 Systems Diagrams	3.0
ET221 Air Conditioning Systems	5.0
ET223 Transport Refrig	4.0
ET236 Commerical-Industrial Wiring	4.0
PE Physical Education	0.5

Fourth Semester

EN110 Oral&Writn Communctn	3.0
ET222 Systems Design	3.0
ET224 Modern Hydronic Sys	3.0
ET226 HVAC Diagnostics	3.0
ET230 AC Motors and Controls	5.0
PE Physical Education	0.5