

Air Conditioning, Refrigeration, and Heating Diploma

Program Coordinator:

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Program Purpose: This program is designed to provide up-to-date technical skills for employment in the growing \$150 billion HVACR industry. Student time is divided in half between classroom theory and lab projects. Graduates may work as an Air Conditioning Technician, Heating Technician, Refrigeration Technician, HVACR Technician, HVACR Contractor, Controls Technician, Indoor Air Quality Technician, HVACR Technical Sales, HVACR Installation, Service, or Maintenance Technician. Day and evening program offered.

First Semester (Fall)		
ENG 111 or ENG 115	College Composition I or Technical Writing	3
AIR 111	Air Cond. & Ref. Controls I	3
AIR 171	Refrigeration I	9
SDV 101	Orientation to College Success	1
Total Credits		16
Second Semester (Spring)		
AIR 112	Air Cond. & Ref. Controls II	3
AIR 159	Heating and Cooling Safety	1
AIR 172	Refrigeration II	9
MTH 111	Basic Technical Mathematics	3
Total Credits		16
Third Semester (Fall)		
BUS 100	Introduction to Business ¹	3
AIR 134	Circuits and Controls I	3
AIR 176	Air Conditioning	6
AIR 235	Heat Pumps	3
Total Credits		15
Fourth Semester (Spring)		
AIR 154	Heating Systems I	3
AIR 165	Air Conditioning Systems I	3
AIR 205	Hydronics and Zoning	3
AIR 231	Circuits and Controls IV	4
ECO 201	Principles of Macroeconomics ¹	3
Total Credits		16

Total minimum credits for Diploma

63

¹ Recommended General Elective. AIR 197 (Cooperative Education) can also be taken with permission.