

Air Conditioning Technology - Diploma

Heating, Ventilation & Air Conditioning Mechanic (47-54 credits)

Madisonville
Advising Plan

2009
-2010

Name _____ Empl ID# _____

Students placing in the following developmental courses (RDG030, ENC091, MT55/MT50) are eligible to enroll in HVAC courses.

General Education and Technical Core Requirements

Course	Hrs	Grade	Semester
Area 1 = Writing/Accessing Information <u>or</u> Oral Communications <u>or</u> Humanities <u>or</u> Heritage <u>or</u> Foreign Language	3		
Area 2 = Social Science <u>or</u> Behavioral Science <u>or</u> Natural/Applied Science <u>or</u> Mathematics	3		
Area 3 = Computer Literacy course <u>or</u> skill demonstrated by competency exam	0-3		
ACR 100 Refrigeration Fundamentals	3		
ACR 101 Refrigeration Fundamentals Lab	2		
ACR 102 HVAC Electricity and ACR 103 HVAC Electricity Lab <u>or</u> Comparable Electrical course**	4-5		
ACR 130 Electrical Components	3		
ACR 131 Electrical Components Lab	2		
ACR 170 Heat Load/Duct Design	3		
ACR 250 Cooling and Dehumidification	3		
ACR 251 Cooling and Dehumidification Lab	2		
ACR 260 Heating & Humidification	3		
ACR 261 Heating & Humidification Lab	3		
ACR 270 Heat Pump Application	3		
ACR 271 Heat Pump Application Lab	2		
Technical Electives (<i>Courses may be taken with approval of program instructor/advisor</i>)	8-11		

Total Credits: 47-54 hours

Air Conditioning Technology Certificates

*Environmental Control System Servicer
Environmental System Repair Helper
Domestic Air Conditioner
Furnace Installer Refrigeration Mechanic*

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