Air Conditioning Technology HVAC Mechanic

Open Admissions Diploma

Maysville Community & Technical College
Rowan Campus Program Coordinator: Joshua W. Druen 606/783-1538 ext 66339, Office 207
E-Mail: Joshua.druen@kctcs.edu
Maysville Campus Instructor Rob Hamm 606-759-7141 ext. 66241 Office Technical Bldg T105
E-mail: robert.hamm@kctcs.edu

[Academic Plan Code: 4702014009; Academic Program Code: ENTC; CIP Code: 47020100]

Student Name _____ Student ID _____

Prerequisite Information: ACR 100 & ACR101 (taught only in the fall semester) must be taken prior to other ACR specific courses

General Education & Support Classes	Credit Hours	Semester Taken
Choose one: Writing/Accessing Information, Oral Communications, Humanities/Heritage / Foreign Language	3	
Choose one: Social Science, Behavioral Science, Natural Science or Mathematics	3	
Computer Literacy	3	

Notes:

1. Good keyboarding skills needed for CIS100, OST105, or OS118.
2. Required minimum ACT or COMPASS scores

	ACT	COMPASS
Math:	17	42 (Pre-Algebra Domain)
Reading:	17	80
Writing:	17	64

3. HVAC – Heating, Ventilation, and Air Conditioning
4. If you change from a certificate to a diploma or a degree program, additional reading and writing requirements must be met.

Core Requirements	Credit Hours	Semester Taken
ACR 100 Refrigeration Fundamentals	3	
ACR 101 Refrigeration Fundamentals lab	2	
ACR 102 HVAC Electricity or Comparable Elective	3	
ACR 103 HVAC Electricity lab or Comparable Elective	2	
ACR 130 Electrical Components	3	
ACR 131 Electrical Components lab	2	
ACR 170 Heat Load/Duct Design	3	
ACR 250 Cooling & Dehumidification	3	

Core Requirements *continued*	Credit Hours	Semester Taken
ACR 251 Cooling & 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	
Electives (Technical)	8-11	

47-54 TOTAL DIPLOMA CREDIT HOURS

Air Conditioning Technology Description:

Installing and servicing heating, air conditioning and refrigeration equipment is the focus of this program. Academic courses, theory courses, and laboratory experiences are designed to promote success in the air conditioning field.