

AIR CONDITIONING TECHNOLOGY
Refrigeration Mechanic
Certificate

Academic Plan Code**4702013059**

Contact Information: Greg Potts			
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Student Name		Student ID#	
Course	Hours	Grade	Semester
ACR 100 Refrigeration Fundamentals	3		
ACR 101 Refrigeration Fundamentals Lab	2		
ACR 102 HVAC Electricity AND	3		
ACR 103 HVAC Electricity Lab OR	2		
Comparable Electrical Course*	(4-5)		
ACR 130 Electrical Components	3		
ACR 131 Electrical Component Lab	2		
ACR 200 Commercial Refrigeration	3		
ACR 201 Commercial Refrigeration Lab	2		
ACR 210 Ice Machines	3		
ACR 250 Cooling and Dehumidification	3		
ACR 251 Cooling and Dehumidification Lab	2		
Total Credits	27-28		
*Comparable Electrical Courses:			
EET 154 Electrical Construction I AND	(2)		
EET 155 Electrical Construction I Lab OR	(2)		
ETT 112 Basic Electrical Theory: Telnet Working AND	(3)		
ETT 113 Basic Electrical Theory Lab OR	(1)		
ENGT 110 Circuits I OR	(5)		
IMT 110 Industrial Maintenance Electrical Principles AND	(3)		
IMT 111 Industrial Maintenance Electrical Principles Lab OR	(2)		
Consent of Instructor			

Revised Date: 8/16/2017

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KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

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Fall Semester

Course No.	Course Title	Credit Hours
ACR 100	Refrigeration Fundamentals	3
ACR 101	Refrigeration Fundamentals Lab	2
ACR 102	HVAC Electricity AND	3
ACR 103	HVAC Electricity Lab OR Comparable Electrical Course*	2 (4-5)
ACR 130	Electrical Components	3
ACR 131	Electrical Components Lab	2
	Subtotal	14 - 15

Spring Semester

Course No.	Course Title	Credit Hours
ACR 250	Cooling and Dehumidification	3
ACR 251	Cooling and Dehumidification Lab	2
ACR 200	Commercial Refrigeration	3
ACR 201	Commercial Refrigeration Lab	2
ACR 210	Ice Machines	3
	Subtotal	13
	Grand Total	27-28

*Comparable Electrical Courses:		
EET 154 Electrical Construction I AND		(2)
EET 155 Electrical Construction I Lab OR		(2)
ETT 112 Basic Electrical Theory: Telenetworking AND		(3)
ETT 113 Basic Electrical Theory Lab OR		(1)
ENGT 110 Circuits I OR		(5)
IMT 110 Industrial Maintenance Electrical Principles AND		(3)
IMT 111 Industrial Maintenance Electrical Principles Lab OR		(2)
Consent of Instructor		

Program Coordinator Notes: The Air Conditioning Technology program is formatted so that students complete the curriculum in one year. Students are only admitted in the fall. It is the ultimate responsibility of the student to stay current with the curriculum requirements.