

AIR CONDITIONING TECHNOLOGY
Domestic Air Conditioner and Furnace Installer
Certificate

Academic Plan Code **4702013029**

Contact Information: Greg Potts			
greg.potts@kctcs.edu		270-856-2409	
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 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 and Humidification		3	
ACR 262 Heating and Humidification Lab		2	
ACR 270 Heat Pump Application		3	
ACR 271 Heat Pump Application Lab		2	
ACR 290 Journeyman Preparation		3	
Total Credits		35-36	
*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			

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 260	Heating and Humidification	3
ACR 262	Heating and Humidification Lab	2
ACR 270	Heat Pump Application	3
ACR 271	Heat Pump Application Lab	2
ACR 170	Heat Load/Duct Design	3
	Subtotal	18
Summer Semester		
Course No.	Course Title	Credit Hours
ACR 290	Journeyman Preparation	3
	Subtotal	3
	Grand Total	35-36
*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.		