

**Program Coordinator:** John Christiansen

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**Phone:** 859-246-6775

**Program Website:** <https://bluegrass.kctcs.edu/education-training/program-finder/air-conditioning-technology.aspx>
**Student Name:** \_\_\_\_\_

**Student ID:** \_\_\_\_\_

*Students need to be at KCTCS placement levels for all courses*

First Semester	Credits	Term	Grade	Prereqs/Notes
ACR 100 Refrigeration Fundamentals	3			
ACR 101 Refrigeration Fundamentals Lab	2			
ACR 102 HVAC Electricity	3			
ACR 103 HVAC Electricity Lab	2			
CIT 105 Introduction to Computers	3			
BRX 120 Blue Print Reading	3			
<b>Total Semester Credit Hours</b>	<b>16</b>			

Second Semester	Credits	Term	Grade	Prereqs/Notes
ACR 130 Electrical Components	3	Spring		ACR 102/103
ACR 131 Electrical Components Lab	2	Spring		ACR 102/103
ACR 170 Heat Load/Duct Design	3	Spring		
ACR 260 Heating & Humidification	3	Spring		ACR 102/103
ACR 262 Heating & Dehumidification Lab	2	Spring		ACR 102/103
ISX 100 Industrial Safety	3	Spring		
<b>Total Semester Credit Hours</b>	<b>16</b>			

Third Semester	Credits	Term	Grade	Prereqs/Notes
ACR 250 Cooling & Dehumidification	3	Fall		ACR 100/101
ACR 251 Cooling & Dehumidification Lab	2	Fall		ACR 100/101
ACR 270 Heat Pump Application	3	Fall		ACR 100/101, ACR 102/103, ACR 250/251
ACR 271 Heat Pump Application Lab	2	Fall		ACR 100/101, ACR 102/103, ACR 250/251
ACR 290 Journeyman Preparation	3	Fall		Cap Stone
ENG 101 Writing 1	3			
<b>Total Semester Credit Hours</b>	<b>16</b>			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
CPR 100 First Aid/CPR	1			
Social/Behavioral	3			
Heritage/Humanities	3			
Quantitative reasoning	3			
Natural Science	3			
Oral Communications COM 252	3			
<b>Total Semester Credit Hours</b>	<b>16</b>			
<b>Total Credential Hours</b>	<b>64</b>			

*Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College*
**Advisor Name:** \_\_\_\_\_

**Advisor Signature:** \_\_\_\_\_

**Student Name:** \_\_\_\_\_

**Student Signature:** \_\_\_\_\_

**Special Instructions:**

Quantitative reasoning can be satisfied by the following courses: MAT 105, MAT 110, MAT 116, MAT 126 or Higher-Level Math

Technical Courses Approved by the Program Coordinator

**Students in the Air Conditioning Technology program must achieve a minimum grade of “C” in each technical course including technical electives.**

**Course Rotation Schedule (if applicable)**

	This course rotation is intended for full time day students on the accelerated completion track
Spring	ACR 130, ACR 131, ACR 170, ACR 260, ACR 262, and ISX 100 are only offered during the Spring semester.
Fall	ACR 250, ACR 251, ACR 270, ACR 271, and ACR 290 are only offered during the Fall semester.

**Approved Electives (if applicable)**

	BRX 120/ISX 100/CPR100 can be replaced with other technical electives approved by program coordinator