Heating, Ventilation and Air Conditioning Mechanic
Diploma Program Code: 4702014009

Program Coordinator: John Christiansen   E-mail: john.christiansen@kctcs.edu   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			
Total Semester Credit Hours	**13**			

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
Total Semester Credit Hours	**13**			

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
ACR 291 Special Problems	1	Fall		Instructor Permission
Total Semester Credit Hours	**14**			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
General Education Area 1	3			
General Education Area 2	3			
Approved Technical Electives	5-8			See KCTCS Catalog for approved electives
Total Semester Credit Hours	**11-14**			
Total Credential Hours	**51-54**			

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:
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.*** General Education: Area 1: Written Communication, Oral Communications, OR Humanities/Heritage Area 2: Social/Behavioral Sciences, Natural Sciences OR Quantitative Reasoning NOTE: Quantitative reasoning can be satisfied by the following courses: MAT 105, MAT 110, MAT 116, MAT 126 or Higher-Level Math

Course Rotation Schedule (if applicable)	
	This rotation is for fulltime day students seeking a diploma
Spring	ACR 130, ACR 131, ACR 170, ACR 260, and ACR 262 are only offered during the Spring semester.
Fall	ACR 250, ACR 251, ACR 270, ACR 271, ACR 290, and ACR 291 are only offered during the Fall semester.