



Alternative Diploma Pathway
In Support of O.C.G.A., 20-2-149.2

HVAC TCC PATHWAY
Approved Revision January 2024
20 - 26 Total Credit Hours

Students should complete two certificates: Either AZ21 or AZ31 and ACK1 or NGT1.

First TCC:

AZ31 - Air Conditioning Technician Assistant, TCC	
AIRC 1005 – Refrigeration Fundamentals	4 CH
AIRC 1010 – Refrigeration Principles and Practices	4 CH
AIRC 1020 - Refrigeration Systems Components	4 CH
	Total 12 Credit Hours

OR

AZ21 - Air Conditioning Maintenance Technician, TCC	
AIRC 1005 – Refrigeration Fundamentals	4 CH
AIRC 1010 – Refrigeration Principles and Practices	4 CH
AIRC 1030 – HVAC Electrical Fundamentals	4 CH
	Total 12 Credit Hours

Second TCC:

ACK1 – Air Conditioning Electrical Technician, TCC	
<i>*AIRC 1030 – HVACR Electrical Fundamentals</i>	4 CH
AIRC 1040 – HVACR Electrical Motors	4 CH
AIRC 1050 – HVACR Electrical Components and Controls	4 CH
	Total 8 - 12 Additional Credit Hours

OR

NGT1 – Natural Gas Technician, TCC	
EMPL 1000 – Interpersonal Relations and Professional Development	2CH
AIRC 1070 – Gas Heat	4 CH
COFC 1080 – Construction Trades Core	4 CH
PPFT 1070 – Special Piping	4 CH
	Total 14 Additional Credit Hours

**Course exempted if taken as part of first TCC*

TCCs Lead to HVAC Excellence Certification.