

Air Condition Technology eMAP Canton Campus

Text only eMAP

Important!

- All online classes require one on campus visit per term
- Set up and activate your Student CTC E-mail account
- Register for Eagle Alert
- CTC Department of Public Safety: (770)-529-2311

Start Here: Program of Study: Air Conditioning Diploma

Alternate Core Classes are A.A.S. level; Degree level ENGL/MATH can be taken instead of Diploma Core level classes.

Fall Semester

- ENGL 1010 (Core Class) or ENGL 1101 (A.A.S. Degree Level) - 3 credit hours
- MATH 1005 or MATH 1012 (Diploma Core Class) or MATH 1101 or Math 1111 (A.A.S. Degree Level) - 3 credit hours
- AIRC 1030 HVAC Electrical Fundamentals- 4 credit hours
- AIRC 1040 HVAC Electrical Motors- 4 credit hours

Spring Semester

- AIRC 1005 Refrigeration Fundamentals- 4 credit hours
- AIRC 1010 Refrigeration Principle and Practice- 4 credit hours
- AIRC 1050 HVAC Electrical Components and Controls- 4 credit hours

Once you finish AIRC 1050, you could find employment as an HVAC Install Helper and or Maintenance Technician

Summer Semester

- PSYC 1010 Basic Psychology- 3 credit hours
- COMP 1000 Introduction to Computer Literacy or COMP 1500 Information Literacy and Communication Skills for the Workplace- 3 credit hours

Fall Semester

- AIRC 1070 Gas Heat 4 credit hours

Spring Semester

- AIRC 1020 Refrigeration System Components- 4 credit hours

Summer Semester

- AIRC 1080 Heat Pumps and Related Systems 4 credit hours
- AIRC 1090 Troubleshooting Air Conditioning Systems 4 credit hour

Once you finish AIRC 1090 you could find employment as an HVAC Technician. Check with our Career Services department for more job's information and career opportunities.

PETITION for GRADUATION and Receive a: Diploma in Air Conditioning Technology

Air Conditioning Technician Assistant Certificate

Air Conditioning Electrical Technician Certificate

Air Conditioning Repair Specialist Certificate

Residential Air Conditioning Technician Certificate

To earn an AAS Degree: Submit a change of program to Associate of Applied Science Degree in Technical Management, Technical Studies or Interdisciplinary Studies Associate of Applied Science. Check the catalog for course requirements.

This eMAP along with meeting regularly with your program advisor and using DegreeWorks will help you stay on track to finish your program as quickly as possible and graduate from CTC.

Use the Diploma checklist below to stay on track and graduate

Air Conditioning Technology eMap Checklist – Diploma – Canton Campus

Fall Semester		
Course	Credit Hours	Completed
AIRC 1030 HVAC Electrical Fundamentals- 4 credit hours	4	☐
AIRC 1040 HVAC Electrical Motors- 4 credit hours	4	☐
ENGL 1010 (Core Class) or ENGL 1101 (A.A.S. Degree Level)	3	☐
MATH 1005 or MATH 1012 (Diploma Core Class) or MATH 1101 or Math 1111 (A.A.S. Degree Level)	3	☐

14 total hours

Spring Semester

Course	Credit Hours	Completed
AIRC 1005 Refrigeration Fundamentals- 4 credit hours	4	☐
AIRC 1010 Refrigeration Principle and Practice- 4 credit hours	4	☐
AIRC 1050 HVAC Electrical Components and Controls- 4 credit hours	4	☐

Earn a: Air Conditioning System Maintenance Technician TCC 12 total hours

Earn a: Air Conditioning Electrical Technician TCC

Summer Semester		
Course	Credit Hours	Completed
COMP 1500 Information Literacy and Communication Skills for the Workplace	3	☐
PSYC 1010 Basic Psychology- 3 credit hours	3	☐

Earn a: Air Conditioning Technician Assistant TCC

3 total hours

Fall Semester		
Course	Credit Hours	Completed
AIRC 1070 Gas Heat	4	☐

Fall Semester		
Course	Credit Hours	Completed
AIRC 1020 Refrigeration System Components	4	☐
AIRC 1060 Air Conditioning System Application and Installation	4	☐

Earn a: Air Conditioning Technician Assistant TCC Earn a: HVAC Technician TCC

Summer Semester		
Course	Credit Hours	Completed
AIRC 1080 Heat Pumps and Related Systems	4	☐
AIRC 1090 Troubleshooting Air Conditioning Systems	4	☐

Earn a: Air Conditioning Repair Specialist TCC

12 total hours

Earn a: Residential Air Conditioning Technician TCC

Earn a: Diploma

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