



Academic & Career **PATHWAYS**

Associate of Applied Science (A.A.S.)

Heating, Ventilation, and Air Conditioning (HVAC) Technology – Advising Guide

In MCC’s HVAC program, you will work with the same equipment you’ll use on the job while installing and maintaining the efficiency of climate control systems in residences and commercial settings. You also will work on furnaces, air conditioners, refrigeration units, heat pumps and boilers, develop a mind-set for safety at work and learn how to troubleshoot problems.

In addition, we offer a job-ready certificate that prepares you for residential work in as little as 15 weeks. Our advanced certificate includes commercial refrigeration, heat pumps and more. The associate’s degree includes courses for transfer that you can use to transfer and pursue a bachelor’s degree.

The HVAC program also prepares you to take and pass EPA 608 refrigerant certification as well as the industry recognized HVAC Excellence Certifications.

Semester 1		
Course	Credits	Action Steps
HVAC 111 (Program Requirement)	3	<ul style="list-style-type: none"> Meet with Academic Advisor to set up a degree plan in Starfish
HVAC 120 (Program Requirement)	4	
HVAC109 (Program Requirement)	4	
^HVAC 135 (Program Requirement)	4	
^HVAC 136 (Program Requirement)	4	
HVAC 230 (Program Requirement)	4	
Total Credits	23	
Semester 2		
^HVAC 221 (Program Requirement)	4	<ul style="list-style-type: none"> Research/contact four-year universities if planning to transfer
^HVAC 235 (Program Requirement)	3	
^HVAC 240 (Program Requirement)	3	
INTE 224 (Program Requirement)	3	
EHSS 111 (Program Requirement)	1	
Total Credits	14	



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Semester 3

^ENGL 101 (General Education Requirement)	3	<ul style="list-style-type: none"> • Apply for admission at four-year university if planning to transfer • Apply for scholarships at four-year university if planning to transfer • Work with Career Services to develop resume if planning to enter the workforce
^MATH 103 or higher (General Education Requirement)	3	
HVAC Elective (Program Elective)	3	
HVAC Elective (Program Elective)	3	
Total Credits	12	

Semester 4

^MATH 104 (General Education Requirement)	3	<ul style="list-style-type: none"> • Complete Civics Exam with 70% or higher • Apply for graduation • Apply for jobs
Any course numbered 100 or higher from the following disciplines: ART, ANTH, COMM, ECON, ENGL, Foreign Language, GEOG (except 104 or 110 and GIS courses), HIST, HUMN, MUSI, PHIL, POLS, PSYC, SIGN, SOSOC, SOCI, THEA (General Education Elective)	4-5*	
HIST 120, HIST 121, OR POLS 136 (General Education Requirement)	3	
^COMM 100 (General Education Requirement)	3	
Total Credits	13-14	
Credits Required	62-63*	

**This degree requires a minimum of 61 credit hours for graduation. When selecting a course from multiple options, please consider the number of credits for each course to ensure meeting the minimum requirements for graduation.*

This Pathway Map is an advising tool designed for full-time students on this A.A.S. degree and identifies the course taking recommendations for timely degree completion. Degree requirements and prerequisites information can be found here: <https://mcckc.edu/programs/hvac/>

All students are encouraged to meet with their academic advisor to develop an individualized completion plan that best meets their goals, interest, and objectives.

^Course requires a prerequisite or appropriate placement, see catalog for additional information.



METROPOLITAN
COMMUNITY COLLEGE



**APPLIED TECHNOLOGY
& MANUFACTURING**

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