



Martin Community College

High School-To-College AIR CONDITIONING, HEATING, & REFRIGERATION Pathway



The Air Conditioning, Heating, and Refrigeration Technology curriculum provides the basic knowledge needed to develop skills necessary to work with residential and light commercial systems.

Student Learning Outcomes:

- Install, service, and troubleshoot air conditioning, heating, and refrigeration systems and associated components
- Select and properly use a variety of air conditioning, heating, and refrigeration tools and equipment
- Prepare and interpret electrical, mechanical, and piping drawings

PATHWAY: HS Diploma + Air Conditioning, Heating, & Refrigeration Diploma (D35100P)									
	Grade		English/ Lang. Arts	Math	Science	Social Studies	Health & PE	CTE Electives	Career & College Promise College Credit Courses taught by MCC Faculty
SECONDARY	9	Fall	English I	Fnd. of Math I	Earth/Env. Sci.	-----	Health/PE	-----	-----
		Spring	-----	Math I	-----	World History	-----	-----	-----
	10	Fall	-----	Math II	Phy. Science	-----	-----	-----	ACA 115, ISC 112
		Spring	English II	-----	-----	Civics	-----	-----	CIS 110, PSY 118
	11	Fall	English III	Math III	Found of Bio.	American Hist	-----	-----	*AHR 110, *AHR 115
		Spring	-----	-----	Biology	-----	-----	-----	*AHR 112
	12	Fall	English IV	-----	-----	Econ. & Personal Finance	-----	-----	*AHR 111, *AHR 113
		Spring	-----	Math IV	-----	-----	-----	-----	*AHR 114, *AHR 212
		Summer	ENG 110						
	Congratulations! High School Graduation! Next Step: Submit MCC Admission Application								
POST	13	Fall	<i>AHR 211, AHR 213, BPR 111, BUS 137, ELC 112</i>						
		Spring	<i>AHR 120, AHR 160, ENG 115, **Humanities/Fine Arts Elective, MAT 110</i>						
Completion of courses in black/bold earn an AC, Heating & Refrigeration Technology Diploma (D35100).									
Completion of courses in <i>red/italics</i> earn an AC, Heating, & Refrigeration Technology A.A.S. Degree (A35100).									
Congratulations! College completion of an Air Conditioning, Heating, & Refrigeration Technology A.A.S. Degree (A35100).									

*Only offered at MCC Williamston Campus

**College transfer courses that may be applied to a University Baccalaureate Degree Transfer Program.