

PROGRAM PLANNING GUIDE

AIR CONDITIONING, HEATING, AND REFRIGERATION TECHNOLOGY D35100A - Fall Start

Replaces Curriculum Schedule with Revision Date: FA2024

Date Revised: FA2025

CURRICULUM BY SEMESTER

					Hours Per Week		Credits	Semesters Offered
Course No.		Course Title	Pre-Requisites	Co-Requisites	Class	Lab		
Fall Semester								
AHR	110	Introduction to Refrigeration	None	None	2	6	5	FA, SP
AHR	111	HVACR Electricity	None	None	2	2	3	FA, SP, SU
AHR	112	Heating Technology	None	None	2	4	4	FA, SP
AHR	180	HVACR Customer Relations	None	None	1	0	1	FA, SP
AHR	213	HVACR Building Code	None	None	1	2	2	FA, SP
ACA	115	Success & Study Skills	None	None	0	2	1	FA, SP

Spring Semester								
AHR 113	Comfort Cooling	None	None		2	4	4	FA, SP
AHR 114	Heat Pump Technology	AHR 110 or AHR 113	None		2	4	4	FA, SP
AHR 133	HVAC Servicing	AHR 112 or AHR 113	None		2	6	4	FA, SP
	English Elective				-	-	3	
	Major Elective						1	

Summer Semester								
AHR 115	Refrigeration Systems	AHR 110	None		1	3	2	SU
AHR 125	HVACR Electronics	AHR 111 or ELC 111 or ELC 112	None		2	2	3	SU
BAT 111	Building Automation Systems	None	None		1	3	2	SU
	Social Science Elective				-	-	3	

Graduation Requirement Credit Hours: 42

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MAJOR ELECTIVES

					Hours Per Week		Credits	Semesters Offered
Course No.	Course Title				Class	Lab		
Major Electives Credit Hours Needed: 1								
AHR	160	Refrigerant Certification	None	None	1	0	1	SU
AHR	212	Advanced Comfort Systems	AHR 114	None	2	6	4	FA
AHR	235	Refrigeration Design	AHR 110	None	2	2	3	FA
AHR	250	HVAC System Diagnostics	AHR 133	None	0	4	2	FA, SP
WBL	111DD	Work-Based Learning I	14 program credits hours	None	0	10	1	FA, SP, SU
WBL	112DD	Work-Based Learning I	14 program credits hours	None	0	20	2	FA, SP

ENGLISH ELECTIVES

					Hours Per Week		Credits	Semesters Offered
Course No.	Course Title				Class	Lab		
Major Electives Credit Hours Needed: 3								
ENG	110	Freshman Composition	ENG 002 (If required)	None	3	0	3	FA, SP, SU
ENG	111	Writing and Inquiry (University Transfer)	ENG 025 (If required)	ENG 045 (If required)	3	0	3	FA, SP, SU

SOCIAL SCIENCE ELECTIVES

					Hours Per Week		Credits	Semesters Offered
Course No.	Course Title				Class	Lab		
Major Electives Credit Hours Needed: 1								
PSY	118	Interpersonal Psychology	None	None	3	0	3	FA, SP, SU
PSY	150	General Psychology (University Transfer)	ENG 002 or ENG 025 (If required)	None	3	0	3	FA, SP, SU