

**PROGRAM PLANNING GUIDE**

**AIR CONDITIONING, HEATING, AND REFRIGERATION TECHNOLOGY  
A35100**

Replaces Curriculum Schedule with Revision Date: FA2016

Date Revised: SP2018

**CURRICULUM BY SEMESTER**

Course No.		Course Title	Hours Per Week		
			Class	Lab	Credits
Summer Semester 1					
AHR	111	HVACR Electricity	2	2	3
AHR	113C	Comfort Cooling	2	0	2
Fall Semester 1					
AHR	110	Introduction to Refrigeration	2	6	5
AHR	112	Heating Technology	2	4	4
AHR	113L	Comfort Cooling	0	4	2
PSY	118	Interpersonal Psychology	3	0	3

Spring Semester 1					
AHR	114	Heat Pump Technology	2	4	4
AHR	125	HVACR Electronics	2	2	3
AHR	133	HVAC Servicing	2	6	4
ENG	110	Freshman Composition	3	0	3

Summer Semester 2					
AHR	115	Refrigeration Systems	1	3	2
AHR	213	HVACR Building Code	1	2	2
AHR	151	HVAC Duct Systems I	1	3	2
AHR	211	Residential System Design	2	2	3
		Major Elective			1

Fall Semester 2					
AHR	180	HVAC Customer Relations	1	0	1
AHR	215	Commercial HVAC Controls	1	3	2
BAT	111	Building Automation Systems	1	3	2
REF	116	Commercial Systems I	2	6	4
COM	120	Intro to Interpersonal Communication	3	0	3

Spring Semester 2					
AHR	212	Advanced Comfort Systems	2	6	4
AHR	225	Commercial System Design	2	3	3
AHR	250	HVAC System Diagnostics	0	4	2
AHR	263	Energy Management	1	3	2
HUM	121	The Nature of America	3	0	3
MAT	110	Mathematical Measurement and Lit	2	2	3

**Graduation Requirement Credit Hours:** 72

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**MAJOR ELECTIVES**

			Hours Per Week		
Course No.		Course Title	Class	Lab	Credits
Major Electives		Credit Hours Needed:	1		
AHR	160	Refrigerant Certification	1	0	1
AHR	235	Refrigeration Design	2	2	3
WBL	111	Work-Based Learning I	0	10	1