

D 35 10 0 Air Conditioning, Heating and Refrigeration (HVAC) Technology - Diploma (Offered only at COA -Edenton-Chowan)

First Year Fall Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
AHR 110 Intro to Refrigeration	Pre-Requisites: None	2	6		8	5
AHR 111 HVAC Electricity	Pre-Requisites: None	2	2		4	3
AHR 112 Heating Technology	Pre-Requisites: None	2	4		6	4
CIS 111 Basic PC Literacy		1	2		3	2
AHR 113 Comfort Cooling	Pre-Requisites: None	2	4		6	4
ENG 102 Appl Comm II Or ENG 111 Or MAT 110	ENG 102 Pre-Requisites: None ENG 111 Pre-Requisites: ENG 002 Tier 1 ENG 111 Co-Requisites: ENG 011 MAT 110 Pre-Requisites: MAT 003 Tier 1 MAT 110 Co-Requisites: MAT 010	2-3	0-2		3-4	3
TOTAL SEMESTER HOURS		11-12	18-20		30-31	21
First Year Spring Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
AHR 114 Heat Pump Technology	Pre-Requisites: AHR 110 or 113	2	4		6	4
AHR 130 HVAC Controls	Pre-Requisites: AHR 111 or ELC 111 or ELC 112	2	2		4	3
AHR 213 HVACR Building Code	Pre-Requisites: AHR 110 or AHR 113	1	2		3	2
AHR 160 Refrigerant Certification	Pre-Requisites: None	1			1	1
WBL 110 World of Work, WBL 111 or WBL 112 Work-Based Learning I		0-1		0-20	1-20	1-2
AHR 255 Indoor Air Quality	Pre-Requisites: AHR 110 or AHR 113	1	2		3	2
COM 101 Workplace Communication		3	0		3	3
TOTAL SEMESTER HOURS		10-11	10	0-20	21-40	16-17
TOTAL SEMESTER HOURS REQUIRED FOR DIPLOMA						37-38

“General education courses may be offered during different semesters based on campus location.”