

### C 35 10 0 I Air Conditioning, Heating, and Refrigeration Technology Certificate I (Offered at Chowan and Dare Campus)

Certificate 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
AHR 113 Comfort Cooling	Pre-Requisites: None	2	4		6	4
<b>TOTAL SEMESTER HOURS</b>		<b>8</b>	<b>16</b>		<b>24</b>	<b>16</b>
<b>TOTAL SEMESTER HOURS REQUIRED FOR CERTIFICATE</b>						<b>16</b>

### C 35 10 0 II Air Conditioning, Heating, and Refrigeration Technology Certificate II (Campus location may vary)

To complete higher level certificates, students may be required to complete coursework offered in the previous certificate to meet all required course pre-requisites.

Certificate 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 AHR 113	2	4		6	4
AHR 130 HVAC Controls	Pre-Requisites: AHR 111 or ELC 111 or ELC 112	2	2		4	3
AHR 160 Refrigerant Certification	Pre-Requisites: None	1			1	1
AHR 255 Indoor Air Quality	Pre-Requisites: AHR 110 or AHR 113	1	2		3	2
AHR 213 HVACR Building Code	Pre-Requisites: AHR 110 or AHR 113	1	2		3	2
<b>TOTAL SEMESTER HOURS</b>		<b>7</b>	<b>10</b>		<b>17</b>	<b>12</b>
<b>TOTAL SEMESTER HOURS REQUIRED FOR CERTIFICATE</b>						<b>12</b>