

# Air Conditioning, Heating and Refrigeration Technology

## Air Conditioning, Heating and Refrigeration Technology CertificateS (C35100)

- Air Conditioning, Heating & Refrigeration Technology Certificate Specialization in Refrigeration Systems (C35100-C5 (p. 1))
- Air Conditioning, Heating & Refrigeration Technology Certificate Specialization in Apartment/Rental Maintenance (C35100-C9) (p. 1)
- Air Conditioning, Heating & Refrigeration Technology Certificate Specialization in HVAC-R Industry Introduction (C35100-11) (p. 1)
- Air Conditioning, Heating & Refrigeration Technology Certificate Specialization in Residential Service (C35100-13) (p. 1)

## Requirements

- Completion of a high school diploma or equivalent is encouraged as the foundation of a career in this area.
- Many courses have prerequisites or co-requisites; check the Courses section for details.

## Contact Information

The Air Conditioning, Heating and Refrigeration Technology program is in the Skilled Trades Division. For more information, contact the Program Chair at 704.330.2722, ext. 7431, the Skilled Trades division at 704.330.4424., or a Student Success Navigator at 704.330.2722 ext. 6100.

## Air Conditioning, Heating & Refrigeration Technology Certificate Specialization in Refrigeration Systems (C35100-C5)

### Major Requirements

AHR 110	Introduction to Refrigeration	5.0
AHR 111	HVACR Electricity	3.0
AHR 130	HVAC Controls	3.0
AHR 180	HVACR Customer Relations	1.0
AHR 115	Refrigeration Systems	2.0
AHR 235	Refrigeration Design	3.0
<b>Total Credits</b>		<b>17</b>

## Air Conditioning, Heating & Refrigeration Technology Certificate Specialization in Apartment/Rental Maintenance (C35100-C9)

### Major Requirements

AHR 110	Introduction to Refrigeration	5.0
AHR 160	Refrigerant Certification	1.0
AHR 180	HVACR Customer Relations	1.0
ELC 113	Residential Wiring	4.0

WOL 110	Basic Construction Skills	3.0
<b>Total Credits</b>		<b>14</b>

## Air Conditioning, Heating and Refrigeration Technology Certificate Specialization in HVAC-R Industry Introduction (C35100-11)

### Major Requirements

AHR 110	Introduction to Refrigeration	5.0
AHR 111	HVACR Electricity	3.0
AHR 130	HVAC Controls	3.0
AHR 160	Refrigerant Certification	1.0
AHR 180	HVACR Customer Relations	1.0
<b>Total Credits</b>		<b>13</b>

## Air Conditioning, Heating & Refrigeration Technology Certificate Specialization in Residential Service (C35100-13)

### Major Requirements

AHR 112	Heating Technology	4.0
AHR 113	Comfort Cooling	4.0
AHR 114	Heat Pump Technology	4.0
AHR 255	Indoor Air Quality	2.0
<b>Total Credits</b>		<b>14</b>