

Air Conditioning, Heating, and Refrigeration Technology (A35100)

Degree Type

Associate in Applied Science

Credential Number

A35100

General Education Requirements

Communication

Take 2 groups

Group 1 - Take 3 credits from

Item #	Title	Credits
ENG 110	Freshman Composition	3
ENG 111	Writing and Inquiry	3

Group 2 - Take 3 credits from

Item #	Title	Credits
COM 110	Introduction to Communication	3
COM 120	Intro Interpersonal Com	3
COM 231	Public Speaking	3
ENG 111	Writing and Inquiry	3
ENG 112	Writing/Research in the Disc	3

Humanities/Fine Arts

Take 3 credits from

Item #	Title	Credits
ART 111	Art Appreciation	3
HUM 115	Critical Thinking	3
MUS 110	Music Appreciation	3
PHI 240	Introduction to Ethics	3

Social/Behavioral Sciences

Take 3 credits from

Item #	Title	Credits
POL 120	American Government	3
PSY 118	Interpersonal Psychology	3
PSY 150	General Psychology	3
SOC 210	Introduction to Sociology	3

Natural Science/Math

Take 3 credits from

Item #	Title	Credits
MAT 110	Math Measurement & Literacy	3
MAT 121	Algebra/Trigonometry I	3
MAT 143	Quantitative Literacy ⁿ	3
MAT 152	Statistical Methods I	4
MAT 171	Precalculus Algebra	4

Major Requirements

Required Courses

Take 17 credits from

Item #	Title	Credits
AHR 110	Intro to Refrigeration	5
AHR 112	Heating Technology	4
AHR 113	Comfort Cooling	4
AHR 114	Heat Pump Technology	4

Electricity

Take 3 credits from

Item #	Title	Credits
AHR 111	HVACR Electricity	3

Air Cond., Htg. & Refrig.

Take 12 credits from

Item #	Title	Credits
AHR 160	Refrigerant Certification	1
AHR 211	Residential System Design	3
AHR 212	Advanced Comfort Systems	4
AHR 213	HVACR Building Code	2
AHR 215	Commercial HVAC Controls	2

Other Major Requirements

Take 18 credits from

Item #	Title	Credits
ACA 115	Success & Study Skills	1
ACA 122	College Transfer Success	1
AHR 120	HVACR Maintenance	2
AHR 133	HVAC Servicing	4
AHR 151	HVAC Duct Systems I	2
AHR 180	HVACR Customer Relations	1
BPR 130	Print Reading-Construction	3
BUS 230	Small Business Management	3
CIS 110	Introduction to Computers	3
ELC 113	Residential Wiring	4
ELC 125	Diagrams and Schematics	2
ISC 112	Industrial Safety	2
PTE 110	Pathway to Employ-Construction	3
WBL 110	World of Work	1
WBL 111T	Work-Based Learning I - Technical Programs	1

Course Sequencing

1st Semester (Fall)

Item #	Title	Credits
AHR 110	Intro to Refrigeration	5
AHR 111	HVACR Electricity	3
ISC 112	Industrial Safety	2
PTE 110	Pathway to Employ-Construction	3
	Natural Science/Math Choice (MAT)	3

2nd Semester (Spring)

Item #	Title	Credits
AHR 112	Heating Technology	4
AHR 113	Comfort Cooling	4
AHR 114	Heat Pump Technology	4
AHR 160	Refrigerant Certification	1
CIS 110	Introduction to Computers	3

3rd Semester (Summer)

Item #	Title	Credits
AHR 120	HVACR Maintenance	2
AHR 151	HVAC Duct Systems I	2

4th Semester (Fall)

Item #	Title	Credits
AHR 211	Residential System Design	3
AHR 212	Advanced Comfort Systems	4
AHR 213	HVACR Building Code	2
	Communication 1st Choice (A35100)	3
	Humanities/Fine Arts Choice (A35100)	3

5th Semester (Spring)

Item #	Title	Credits
AHR 215	Commercial HVAC Controls	2
ELC 125	Diagrams and Schematics	2
	Communication 2nd Choice (A35100)	3
	Other Major Requirements Choice (BPR 130 or BUS 230)	3
	Other Major Requirements Choice (WBL 110 or 111)	1
	Social/Behavioral Sciences Choice (A35100)	3
	Total Credits	65