Air Conditioning, Heating & Refrigeration Technology

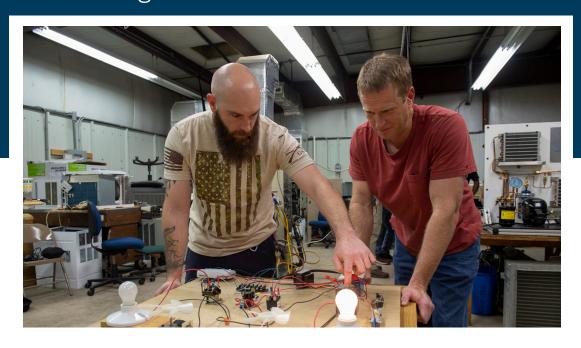
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Career Technologies





ABOUT THIS FIELD

The Air Conditioning, Heating, and Refrigeration Technology curriculum provides the basic knowledge to develop skills necessary to work with residential and light commercial systems.



WHAT YOU'LL STUDY

Topics include mechanical refrigeration, heating and cooling theory, electricity, controls, and safety. The diploma program covers air conditioning, furnaces, heat pumps, tools and instruments. In addition, the AAS degree covers residential building codes, residential system sizing, and advanced comfort systems.



WHAT YOU CAN DO

Diploma graduates should be able to assist in the start up, preventive maintenance, service, repair, and/ or installation of residential and light commercial systems. AAS degree graduates should be able to demonstrate an understanding of system selection and balance and advanced systems.



PROGRAM START DATES:

Fall Semester

FOR MORE INFORMATION CONTACT:

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- 磨 828.339.4341

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CLASSES YOU'LL NEED TO TAKE

DIPLOMA - D35100

Total Semester Hour Credits: 38-41

Prefix ACA AHR ISC	# 111 110 112	Title College Student Success Intro into Refrigeration Industrial Safety Totals	Class 1 2 2 5	Lab 0 6 0 6	Clinical 0 0 0 0	<u>Credit</u> 1 5 2 8
SPRIN AHR CIS WLD	G SEME 112 110 110	STER 1 Heating Technology Introduction to Computers Cutting Processes Totals	2 2 1 5	4 2 3 9	0 0 0	4 3 2 9
MAT	110 e one of 120 110	ESTER Mathematical Measurement & Lit. the following: Interpersonal Communication Freshman Composition Totals	_	2 2 0 4	0 0 0 0	3 3 3 6
FALL S AHR BPR	EMESTI 113 130	ER 2 Comfort Cooling Blueprint Reading Totals	2 3 5	4 0 4	0 0 0	4 3 7
AHR ELC	G SEME 114 111 one of t 111 112 114	Heat Pump Technology Intro to Electricity the following: Work Based Learning I Work Based Learning I Work Based Learning I Totals	2 2 0 0 0 4	4 2 0 0 0 0 6	0 0 10 20 40 10-40	4 3 1 2 4 8-11

CERTIFICATE OPTION

CERTIFICATE - C35100

Total Semester Hour Credits: 13

FALL SEMESTER 1

Prefix	#	Title	Class	Lab	Clinical	Credit				
AHR	110	Intro to Refrigeration	2	6	0	5				
		Totals	2	6	0	5				
SPRING SEMESTER 1										
AHR			2	4	0	4				
		Totals	2	4	0	4				
SUMMER SEMESTER 1										
AHR	113	Comfort Cooling	2	4	0	4				
		Totals	2	4	0	4				