

Associate In Applied Science Degree

Program

Air Conditioning & Refrigeration Technology (ACR)

Degree Type

AAS Degree

Location

Hamilton & Sumiton Campuses

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3-4
	History or Social/Behavioral Science Elective	3
	Humanities/Fine Arts Elective	3

Field of Study Courses

Item #	Title	Credits
ACR 111	PRINCIPLES OF REFRIGERATION	3
ACR 112	HVAC/R SERVICE PROCEDURES	3
ACR 113	REFRIGERATION PIPING PRACTICES	3
ACR 119	FUNDAMENTALS OF GAS HEATING SYSTEMS	3
ACR 121	PRINCIPLES OF ELECTRICITY FOR HVAC/R	3
ACR 122	HVAC/R ELECTRICAL CIRCUITS	3
ACR 123	HVAC/R ELECTRICAL COMPONENTS	3
ACR 128	HEAT LOAD CALCULATIONS	3
ACR 132	RESIDENTIAL AIR CONDITIONING	3
ACR 135	MECHANICAL/GAS/SAFETY CODES	3
ACR 147	REFRIGERATION TRANSITION & RECOVERY THEORY	3
ACR 148	HEAT PUMPS SYSTEMS I	3
ACR 203	COMMERCIAL REFRIGERATION	3

Field of Study Electives

Select 4 courses from the following offerings:

Item #	Title	Credits
ACR 120	FUNDAMENTALS OF ELECTRIC HEATING SYSTEMS	3
ACR 126	COMMERCIAL HEATING SYSTEMS	3
ACR 127	HVAC/R ELECTRIC MOTORS	3
ACR 133	DOMESTIC REFRIGERATION	3
ACR 144	BASIC DRAWING AND BLUEPRINT READING IN HVAC	3
ACR 153	FUNDAMENTALS OF PROPANE SYSTEMS	3
ACR 192	HVAC Apprenticeship/Internship	3
ACR 200	REVIEW FOR CONTRACTORS EXAM	3
ACR 209	COMMERCIAL AIR CONDITIONING SYSTEMS	3
ACR 210	TROUBLESHOOTING HVAC/R SYSTEMS	3
WKO 110	NCCER CORE	3
ACR 134	ICE MACHINES	3
	Total Credits	67-68