

Air Conditioning and Refrigeration

Program

Air Conditioning and Refrigeration

Degree Type

Associate in Occupational Technology Degree

First Term

Item #	Title	Credits
ASC 111	REFRIGERATION PRINCIPLES	3
ASC 121	PRINCIPLES OF ELECTRICITY FOR HVAC	3
ASC 122	HVACR ELECTRICAL CIRCUITS	3
MTH 116	MATHEMATICAL APPLICATIONS	3

Second Term

Item #	Title	Credits
ASC 113	REFRIGERATION PIPING PRACTICES	3
ASC 123	HVACR ELECTRICAL COMPONENTS	3
ASC 147	REFRIGERATION TRANSITION AND RECOVERY	3
ENG 101	ENGLISH COMPOSITION I	3

Third Term

Item #	Title	Credits
ASC 112	HVACR SERVICE PROCEDURES	3
ASC 203	COMMERCIAL REFRIGERATION	3
ASC 210	TROUBLESHOOTING HVAC/R SYSTEMS	3
ASC 134	ICE MACHINES	3
	Natural Science or Mathematics Elective	3

Fourth Term

Item #	Title	Credits
ASC 119	FUNDAMENTALS OF GAS HEATING SYSTEMS	3
ASC 120	FUNDAMENTALS OF ELECTRIC HEATING SYSTEMS	3
ASC 148	HEAT PUMP SYSTEMS	3
ASC 128	LOAD CALCULATIONS	3
	Humanities and Fine Arts Elective	3

Fifth Term - Option One

Item #	Title	Credits
BUS 100	INTRODUCTION TO BUSINESS	3
BUS 215	BUSINESS COMMUNICATION	3
	BUS 263 or BUS 285	3
BUS 279	SMALL BUSINESS MANAGEMENT	3
	Social and Behavioral Sciences Elective	3

Fifth Term - Option Two

Item #	Title	Credits
ILT 162	SOLID STATE FUNDAMENTALS	3
ILT 166	MOTORS AND TRANSFORMERS I	3
ELT 117	AC/DC MACHINES	3
ELT 132	COMMERCIAL AND INDUSTRIAL WIRING II	3
	Social and Behavioral Sciences Elective	3
	Total Credits	69