

Associate of Applied Science: Heating, Ventilation, Air Conditioning & Refrigeration (HVAC)



FIRST QUARTER

COURSE	TITLE	CR
HVAC 101	HVAC FUNDAMENTALS	3
HVAC 102	SAFETY	2
HVAC 103	HVAC/R SCIENCE	2
HVAC 104	TOOLS AND EQUIPMENT	4
HVAC 105	REFRIGERANT/TION SYS I	4
	GEN ED - see advisor	5
TOTAL CREDITS		20

FIFTH QUARTER

COURSE	TITLE	CR
HVAC 211	COMMERCIAL ENVIRON SYS	5
HVAC 212	CHILLED WATER SYSTEMS	2
HVAC 213	HYDRONIC HEATING SYSTEM	2
HVAC 214	COOLING TOWER	1
HVAC 215	THERMAL STORAGE	2
HVAC 216	CFC EXAM PREPARATION	1
TOTAL CREDITS		13

SECOND QUARTER

COURSE	TITLE	CR
HVAC 106	REFRIGERANT/TION SYS II	3
HVAC 107	ELECTRICAL SYS/COMPONENT	5
HVAC 108	ELECTRICAL TROUBLESHOOT	3
HVAC 109	SOLDER/BRAZING APPLCTN	3
	GEN ED - see advisor	5
TOTAL CREDITS		19

SIXTH QUARTER

COURSE	TITLE	CR
HVAC 217	COMMERCIAL REFRIGERATION	3
HVAC 218	INSTAL/MAINT/TROUBLESHT	2
HVAC 219	AHRI IND CMPTNCY EXAM I	3
HVAC 220	AHRI IND CMPTNCY EXAM II	3
HVAC 221	INDUSTRY MATH	5
TOTAL CREDITS		16

THIRD QUARTER

COURSE	TITLE	CR
HVAC 110	RESIDENTIAL SYSTEMS	5
HVAC 111	LIGHT COMMERCIAL SYSTEM	5
HVAC 112	HEAT PUMP SYSTEMS	4
	GEN ED - see advisor	5
TOTAL CREDITS		19

TOTAL CREDITS 103

FOURTH QUARTER

COURSE	TITLE	CR
HVAC 201	SYSTEM DESIGN/SIZE/LAYOT	4
HVAC 210	DRAFT/BLEUPRNT APPLCTNS	4
	Welding Option - Choose one	
WBAS 101	Welding Basic (weeks 1-15)	8
	Welding Basic (weeks 6-10)	
TOTAL CREDITS		16

MINIMUM REQUIREMENT:

Student is ready for 80-level General Edu class - taken in the afternoon

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