

Air Conditioning Technology Certificates

Environmental Control System Servicer Certificate

Courses Required:

ACR	100	Refrigeration Fundamentals	3
ACR	101	Refrigeration Fundamentals Lab	2
ACR	102	HVAC Electricity AND	3
ACR	103	HVAC Electricity Lab OR Comparable Electrical Course*	2 (4-5)
ACR	130	Electrical Components	3
ACR	131	Electrical Components Lab	2
ACR	250	Cooling and Dehumidification	3
ACR	251	Cooling and Dehumidification Lab	2
ACR	260	Heating and Humidification	3
ACR	261	Heating and Humidification Lab	3
Total Credits:			25-26

*Students must consult with Program Coordinator to select appropriate comparable electrical course.

Environmental System Repair Helper Certificate

Courses Required:

ACR	100	Refrigeration Fundamentals	3
ACR	101	Refrigeration Fundamentals Lab	2
ACR	102	HVAC Electricity AND	3
ACR	103	HVAC Electricity Lab OR	2
ACR	130	Electrical Components AND	(3)
ACR	131	Electrical Components Lab OR Comparable Electrical Course*	(2) (4-5)
Total Credits:			9-10

*Students must consult with Program Coordinator to select appropriate comparable electrical course.

Domestic Air Conditioner and Furnace Installer Certificate

Courses Required:

ACR	100	Refrigeration Fundamentals	3
ACR	101	Refrigeration Fundamentals Lab	2
ACR	102	HVAC Electricity AND	3
ACR	103	HVAC Electricity Lab OR Comparable Electrical Course*	2 (4-5)
ACR	130	Electrical Components	3
ACR	131	Electrical Components Lab	2
ACR	170	Heat Load/Duct Design	3

ACR	250	Cooling and Dehumidification	3
ACR	251	Cooling and Dehumidification Lab	2
ACR	260	Heating and Humidification	3
ACR	261	Heating and Humidification Lab	3
ACR	270	Heat Pump Application	3
ACR	271	Heat Pump Application Lab	2
ACR	290	Journeyman Preparation	3
Total Credits:			36-37

*Students must consult with Program Coordinator to select appropriate comparable electrical course.

Refrigeration Mechanic Certificate

Courses Required:

ACR	100	Refrigeration Fundamentals	3
ACR	101	Refrigeration Fundamentals Lab	2
ACR	102	HVAC Electricity AND	3
ACR	103	HVAC Electricity Lab OR Comparable Electrical Course*	2 (4-5)
ACR	130	Electrical Components	3
ACR	131	Electrical Components Lab	2
ACR	200	Commercial Refrigeration	3
ACR	201	Commercial Refrigeration Lab	2
ACR	210	Ice Machines	3
ACR	250	Cooling and Dehumidification	3
ACR	251	Cooling and Dehumidification Lab	2
Total Credits:			27-28

*Students must consult with Program Coordinator to select appropriate comparable electrical course.