

# AIR CONDITIONING TECHNOLOGY

Associate in Applied Science

## REQUIRED COURSES

### General Education Requirements

	Credit	Grade
Quantitative Reasoning .....	3	_____
Natural Sciences .....	3	_____
Social/Behavioral Sciences .....	3	_____
Heritage/ Humanities .....	3	_____
Written Communication .....	3	_____
<b>Subtotal</b>	<b>15</b>	

### Technical Courses Required

Digital Literacy .....	0-3	
ACR 100 Refrigeration Fundamentals .....	3	_____
ACR 101 Refrigeration Fundamentals Lab .....	2	_____
ACR 102 HVAC Electricity AND	3	_____
ACR 103 HVAC Electricity Lab OR .....	2	_____
Comparable Electrical Course* .....	(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 262 Heating and Humidification Lab .....	2	_____
ACR 270 Heat Pump Application .....	3	_____
ACR 271 Heat Pump Application Lab .....	2	_____
Electives** .....	10-12	_____
<b>Subtotal</b>	<b>42-48</b>	
<b>Total</b>	<b>60-66</b>	

## SEMESTER COURSE LISTING

Class (Alternative) Credit

### Semester One (16 hours)

Digital Literacy (if needed) ( ) \_\_\_\_\_  
 Gen Edu ( ) \_\_\_\_\_  
 ACR 100 ( ) \_\_\_\_\_  
 ACR 101 ( ) \_\_\_\_\_  
 ACR 102 & or ACR 103 or  
 Comparable electrical course  
 ( ) \_\_\_\_\_

### Semester Two (13 hours)

ACR 130 ( ) \_\_\_\_\_  
 ACR 131 ( ) \_\_\_\_\_  
 ACR 260 ( ) \_\_\_\_\_  
 ACR 262 ( ) \_\_\_\_\_  
 Gen Edu ( ) \_\_\_\_\_

### Summer (6 hours)

Gen Edu ( ) \_\_\_\_\_  
 Gen Edu ( ) \_\_\_\_\_

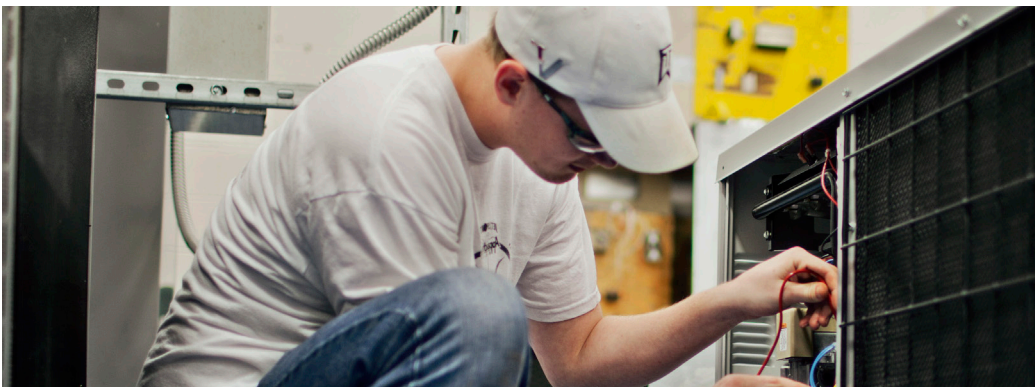
### Semester Three (16 hours)

ACR 170 ( ) \_\_\_\_\_  
 ACR 250 ( ) \_\_\_\_\_  
 ACR 251 ( ) \_\_\_\_\_  
 ACR 112 ( ) \_\_\_\_\_  
 ACR 113 ( ) \_\_\_\_\_  
 Gen Edu ( ) \_\_\_\_\_

### Semester Four (15 hours)

ACR 270 ( ) \_\_\_\_\_  
 ACR 271 ( ) \_\_\_\_\_  
 Gen Edu ( ) \_\_\_\_\_  
 Elective (if Needed) ( ) \_\_\_\_\_

**Total Hours for Program 60-68**



STUDENT \_\_\_\_\_ ID NO. \_\_\_\_\_ DATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_ ADVISOR \_\_\_\_\_