



HIGH SCHOOL-TO-COLLEGE PATHWAY

PATHWAY: AIR CONDITIONING, HEATING, & REFRIGERATION								ASSOCIATE OF APPLIED SCIENCE DEGREE		
HIGH SCHOOL PLAN										
SECONDARY	GRADE	English	Math	Science	Social Studies	*Required Courses or Recommended CTE Electives	Career and Technical Courses			
	9	English I	Math I	Earth Science	World History	*Health/PE				
						*Career Mgmt.				
	10	English II	Math II	Biology	Civics & Economics			Microsoft Word/PPT		
								Microsoft/Excel		
11	English III	Math III	Physical Science	American History I	AHR 110 Intro to Refrigeration		ELC 112 DC/AC Electricity			
							ELC 125 Diagrams & Schematics			
12	English IV	4 th Math Course		American History II	AHR 112 Heating Technology		AHR 160 Refrigerant Certification			
COMMUNITY COLLEGE PLAN										
Year 13										
POSTSECONDARY	Fall Semester	ACA 111 College Student Success	AHR 110 Intro to Refrigeration		AHR 113 Comfort Cooling		ELC 112 DC/AC Electricity		ELC 125 Diagrams & Schematics	
	Spring Semester	AHR 112 Heating Technology		AHR 114 Heat Pump Technology	AHR 160 Refrigerant Certification		AHR 213 HVACR Building Code	AHR 215 Comm. HVAC Controls	ENG 111 Writing & Inquiry	
	Summer Semester	AHR 133 HVAC Servicing				ELC 117 Motors & Controls				
	Year 14									
Fall Semester	AHR 212 Adv. Comfort System	AHR 250 HVAC Syst. Diag. OR WBL			AHR 263 Energy Management		CIS 111 Basic PC Literacy		MAT 110 Math Measurement OR PHY 110	
Spring Semester	AHR 120 HVAC Maintenance	AHR 211 Resident System Design		ENG 114 Prof. Res. & Report		PSY 118 Interpersonal Psychology		Humanities/Fine Arts Elective		

REQUIRED CREDIT HOURS FOR DEGREE: 68/69

HOURS REMAINING TO COMPLETE DEGREE: 49/50

RED ARTICULATED CREDIT: 2 HOURS

Yellow Recommended CTE: 17 HOURS

OCCUPATIONS: HVAC Service Technician, HVAC Installer, HVAC Specialist, AC Tech, HVAC Mechanic.
AVERAGE SALARY: \$43,880

Upon completion of the pathway, the students will be awarded a **Certificate in HVAC** from SCC.