

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	
	10	English II	Math II	Biology	Civics & Economics	Personal Finance	Microsoft Word/PPT
						Entrepreneurship	Microsoft/Excel
	11	English III	Math III	Physics	US History I	AHR 110 Intro to Refrigeration	ELC 112 DC/AC Electricity ELC 125 Diagrams & Schematics
	12	English IV	4 th Math Course	e-Commerce I	US History II	AHR 112 Heating Technology	AHR 160 Refrigerant Certification

COMMUNITY COLLEGE PLAN

POSTSECONDARY	Year 13						
	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.