

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		Core & Sustainable Construction
						*Career Mgmt./Personal Finance/PLTW		
	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 Internship/Apprenticeship		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		ENG 111 Writing & Inquiry OR ENG 110 Freshman Comp.
	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	MAT 110 Math Measurement OR PHY 110 Conceptual Physics
	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		ELC 125 Diagrams & Schematics		ENG 114 Prof. Res. & Report OR ENG 115 Oral Communication
Spring Semester	AHR 120 HVAC Maintenance	AHR 211 Resident System Design	CIS 110 Intro to Computers		PSY 118 Interpersonal Psychology		Humanities/Fine Arts Elective	

REQUIRED CREDIT HOURS FOR DEGREE: 69/70

HOURS REMAINING TO COMPLETE DEGREE: 52/53

RED ARTICULATED CREDIT: 0 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.