

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		Microsoft Word/PPT
						Technology Engineering & Design		
	10	English II	Math II	Biology	Civics & Economics	Technological Design		Microsoft/Excel
						Principles of Business & Finance		
	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	Elective	US History II	AHR 112 Heating Technology		AHR 160 Refrigerant Certification	
COMMUNITY COLLEGE PLAN								
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 in 2014

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