

HIGH SCHOOL-TO-COLLEGE PATHWAY

PATHWAY: AUTOMOTIVE SYSTEMS TECHNOLOGY						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 & PowerPoint	
							Technology Engineering & Design	
	10	English II	Math II	Biology	Civics & Economics	Technological Design	Principles of Business & Finance	
							AUT 141A Susp. & Steer. Systems Lab	
	11	English III	Math III	Physics	US History I	AUT 181 Engine Performance I TRN 120 Basic Transp. Elect.	TRN 110 Intro to Transport Tech.	
AUT 141 Suspension & Steering Sys								
12	English IV	4 th Math Course	Elective	US History II	AUT 151 Brake Systems	AUT 151A Brake Systems Lab		
COMMUNITY COLLEGE PLAN								
Year 13								
Fall Semester	ACA 111 College Student Success	AUT 116 Engine Repair	AUT 116A Engine Repair Lab		ENG 111 Writing & Inquiry	MAT 110 Math Measurement	TRN 110 Intro to Transport Tech	TRN 170 PC Skills for Transp.
Spring Semester	AUT 114 Safety & Emissions	AUT 141 Suspension & Steering Sys.	AUT 141A Susp. & Steer. Systems Lab	AUT 151 Brake Systems	AUT 151A Brake Systems Lab	AUT 212 Auto Shop Management	ENG 114 Prof. Research & Report	
Summer Semester	AUT 113 Auto Servicing I OR WBL			TRN 140 Transp. Climate Control		TRN 140A Transp. Climate Control Lab		
Year 14								
Fall Semester	AUT 181 Engine Performance I	AUT 183 Engine Performance II	AUT 221 Automotive Transmissions		AUT 221A Auto Transmissions Lab		TRN 120 Basic Transp. Elect.	
Spring Semester	AUT 163 Adv. Auto Electric OR WBL	AUT 231 Manual Drive Trans/Axles	AUT 231A Man Drive Trans/Axles Lab		PSY 118 Interpersonal Psychology	TRN 145 Adv. Transp. Electronics	Humanities/Fine Arts Elective	

REQUIRED CREDIT HOURS FOR DEGREE: 70

HOURS REMAINING TO COMPLETE DEGREE: 52

RED ARTICULATED CREDIT: 0 HOURS

Yellow Recommended CTE: 18

OCCUPATIONS: Automotive Technician, Mechanic, Automotive Service Technician, Shop Foreman, Automobile Technician.
AVERAGE SALARY: \$36,710 in 2014

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