



YADKIN COUNTY SCHOOLS  
 LEARN TODAY, LEAD TOMORROW  
**HIGH SCHOOL-TO-COLLEGE PATHWAY**



PATHWAY: <b>AUTOMOTIVE SYSTEMS TECHNOLOGY</b>							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.	Introduction to Automotive Service		
							Automotive Service I		
	10	English II	Math II	Biology	Civics & Economics	Automotive Service II	AUT 141A Susp. & Steer. Systems Lab		
						Elective	Automotive Service III		
	11	English III	Math III	Physics	US History I	AUT 181 Engine Performance I	AUT 141 Suspension & Steering Sys		
TRN 120 Basic Transp. Elect.									
12	English IV	4 <sup>th</sup> Math Course	Elective	US History II	AUT 151 Brake Systems	AUT 151A Brake Systems Lab			
COMMUNITY COLLEGE PLAN									
Year 13									
POSTSECONDARY	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: 69**

**HOURS REMAINING TO COMPLETE DEGREE: 52**

**RED ARTICULATED CREDIT: 2 HOURS**

**Yellow Recommended CTE: 16**

**OCCUPATIONS:** Automotive Technician, Mechanic, Automotive Service Technician, Shop Foreman, Automobile Technician.

**AVERAGE SALARY:** \$36,710

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