

**Central Carolina Community College**  
**Program Planning Guide**

**Automotive Systems Technology**  
**Credential: Certificate in**  
**Automotive Systems Technology**  
**C60160**

This curriculum prepares individuals for employment as automotive service technicians. It provides an introduction to automotive careers and enhances the student's awareness of having to meet the challenges of this fast and ever-changing field. Courses include both classroom and lab experiences. Emphasis is placed on theory, servicing and operation of electrical/electronic systems. Upon completion of this curriculum, students should be prepared for ASE electrical certification and be ready for full-time employment in dealerships and repair shops in the automotive service industry.

Program Length: 2 semesters

Career Pathway Options: Associate in Applied Science Degree in Automotive Systems Technology (Higher entrance standards required); Diploma in Automotive Systems Technology (Higher entrance standards required); Certificate in Automotive Systems Technology

Program Sites: Lee Campus - Evening Program

<b>Suggested Course Schedule:</b>	<b>HOURS</b>			<b>Grade</b>	<b>Semester</b>	<b>Notes</b>
	<b>Class</b>	<b>Lab</b>	<b>Credit</b>			
<b>1st Semester (Fall)</b>						
AUT 161	Basic Auto Electricity	4	3	5		
<b>2nd Semester (Spring)</b>						
AUT 163	Advanced Auto Electricity	2	3	3		
AUT 163A	Advanced Auto Electricity Lab	0	3	1		
AUT 181	Engine Performance I	2	3	3		
AUT 181A	Engine Performance I Lab	0	3	1		
AUT 283	Advanced Auto Electronics	2	2	3		
		6	14	11		

Total Semester Hours Credit: 16