



1. Title: Automotive Technology—Chassis and Drive Train Specialist

2. Summary of Goals—Learning Outcomes:

The successful student will:

- Analyze electrical circuits to correctly identify component malfunctions and perform effective repairs.
- Identify brake-system malfunctions through careful on-car analysis of components and compare results to factory specifications to perform effective repairs.
- Assemble transaxles and adjust clearances using factory specifications.
- Differentiate between electronic and mechanical malfunctions in automatic transmissions and perform effective repairs.

3. Course Listing:

First semester

Auto Tech G120	Electrical / Electronic Systems, Intro	5 units
Auto Tech G140	Automotive Chassis: Brakes	5 units

Second semester

Auto Tech G150	Manual Drive Trains and Axles	4 units
Auto Tech G141	Automotive Chassis: Steering / Suspension	5 units

Third semester

Auto Tech G151	Automatic Transmissions and Transaxles	4.5 units
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Required Subtotal:	23.5 units
Completion of GE requirements	21-41 units
Additional Elective (as needed to reach 60)	
Degree Total	<u>60 units</u>