



**Career and Technical Education Pathway
Engineering and Applied Technology
Automotive Systems Technology**

Automotive Systems Technology Certificate II

The Automotive Systems Technology curriculum prepares individuals for employment as Automotive Service Technicians. It provides an introduction to automotive careers and increases student awareness of the challenges associated with this fast and ever-changing field. Classroom and lab experiences integrate technical and academic course work. Upon completion of this curriculum, students should be prepared to take the ASE exam and be ready for full-time employment in dealerships and repair shops in the automotive service industry. Students must complete the Automotive Systems Technology Certificate I before progressing to the Certificate II coursework.

CORE COURSES			
Course Prefix/Num	Course Title		
AUT 151	Brake Systems	3	SHC
AUT 181	Engine Performance I	3	SHC
TRN 145	ADV Transportation Electronics	3	SHC
Total SHC for Core Courses:		9	SHC
OTHER MAJOR COURSES			
Course Prefix/Num	Course Title		
AUT 151A	Brake Systems Lab	1	SHC
AUT 281	Advanced Engine Performance	3	SHC
Total SHC for Other Major Courses:		4	SHC
Total SHC for Program		13	

* Requires benchmark/placement testing

Estimated Costs:

Textbooks: \$300
 Consumable Supplies: \$48 per semester
 Tools/Instruments: \$320 or more depending on the quality and source, please see your advisor for details.