



**Business & Industry Endorsement
Transportation, Distribution &
Logistics**

Automotive

The Automotive program of study teaches students how to repair & refinish automobiles & service various types of vehicles.

Levels	Courses	
Level 1	Automotive Basics 1800CT / 9-12 <i>SP2 Ethics & You in the Automotive Industry, SP2 Land That Job Certification Possible</i>	
Level 2	Energy, Power & Transportation Systems 1810CT / 9-12 <i>Prerequisite: Automotive Basics SP2 Bullying in the Workplace, SP2 Substance Abuse Awareness & Management Certification Possible</i>	
Level 3	Automotive Technology I 1811CA-CB / 10-12 <i>Prerequisites: Energy, Power & Transportation Systems ASE Maintenance & Light Repair, SP2 Mechanical Safety Certification Possible</i>	
Level 4	Automotive Technology II 1815CA-CB / 11-12 <i>Prerequisites: Automotive Technology I ASE Brakes AND ASE Suspension & Steering Certifications Possible</i>	Practicum in Transportation, Distribution & Logistics 1821CA-CB / 11-12 <i>Prerequisites: Automotive Technology I ASE Electrical/Electronics Systems Certifications Possible</i>

1 Semester Home Campus 2 Semester Home Campus 1 Semester Ben Barber 2 Semester Ben Barber College Course Weighted Credit

Occupation	Median Wage	Annual Openings	% Growth
Automotive Body & Related Repairers	\$40,144	1,456	25%
Automotive Service Technicians & Mechanics	\$38,459	208	25%

Industry Based Certifications

ASE Maintenance & Light Repair Certification

Automotive Technology I

This exam assesses knowledge & skills related to: engine repair, automatic transmission & transaxle, manual drive train & axles, suspension & steering, brakes, electrical/electronic devices, HVAC, tools, etc.

ASE Brakes Certification

Automotive Technology II

This exam assesses knowledge & skills related to general brake system diagnosis, hydraulic system diagnosis & repair, drum brake diagnosis & repair, disc brake diagnosis & repair, wheel bearings, parking brakes & electrical/electronics.

ASE Suspension & Steering Certification

Automotive Technology II

This exams assesses knowledge & skills related to general suspension & steering systems, steering systems diagnosis & repair, suspension systems diagnosis & repair, wheel alignment diagnosis & repair, wheels & tires diagnosis & repair.

ASE Electrical/Electronic Systems Certification

Practicum in Transportation, Distribution & Logistics

This exam assesses knowledge & skills related to general electrical systems diagnosis, battery diagnosis & repair, lighting systems diagnosis & repair, instrument cluster diagnosis & repair & driver information diagnosis & repair.

Supporting Certifications

SP2 Certification

Automotive Basics, Automotive Technology I & II

These certification are used to support curriculum and reinforce knowledge & skills.

The district will pay 100% of the cost of the certification test if students can show mastery by passing a certification practice test AND maintain an 80+ overall course grade at the time of the certification test. If students don't meet the requirements above, they must pay 100% of the cost of the certification test.

To earn an endorsement, an MISD student must complete a coherent sequence for 4 or more credits that consist of 2 courses in the same program of study including at least 1 advanced CTE course