



## 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	No courses offered at Level 1 in this program of study	
Level 2	<b>Automotive Basics</b> 1800CT / 9-12 <i>SP2 Ethics &amp; You in the Automotive Industry, Valvoline Oil &amp; SP2 Land That Job Certification Possible</i>	
Level 3	<b>Energy, Power &amp; Transportation Systems</b> 1810CT / 9-12 <i>Prerequisite: Automotive Basics</i> <i>SP2 Bullying in the Workplace,</i> <i>SP2 Substance Abuse Awareness &amp; Management</i> <i>Certification Possible</i>	<b>Automotive Technology I</b> 1811CA-CB / 10-12 <i>Prerequisite: Energy, Power &amp; Transportation Systems</i> <i>+ ASE Maintenance &amp; Light Repair,</i> <i>SP2 Mechanical Safety Certification Possible</i>
Level 4	<b>Automotive Technology II</b> 1815CA-CB / 11-12 <i>Prerequisite: Automotive Technology I AND</i> <i>Selection Process</i> <i>+ ASE Brakes AND ASE Suspension &amp; Steering</i> <i>Certifications Possible</i>	<b>Practicum in Transportation, Distribution &amp; Logistics</b> 1821CA-CB / 11-12 (E) <i>Prerequisite: Automotive Technology I AND</i> <i>Selection Process</i>

1 Semester Home Campus	2 Semester Home Campus	1 Semester Ben Barber	2 Semester Ben Barber
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 & trans-axle, manual drivetrain & 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.

*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.*

Students must have successfully completed a level 1 or 2 course AND a level 3 or 4 to take a practicum course.

**To earn a CTE endorsement, an MISD student must take 4 or more credits in the same endorsement area, with at least 2 of 4 credits within the same program of study and must include at least one Level 3 or Level 4 CTE course.**