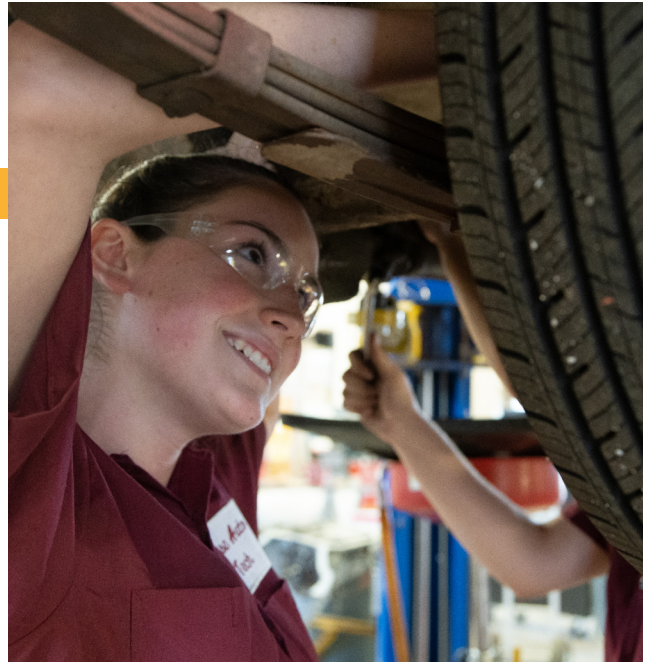


AUTOMOTIVE

PROGRAM OF STUDY

The Automotive program of study teaches students how to repair and service various types of automobiles. Students may learn to collect payment for services or supplies and perform typical vehicle maintenance procedures such as fluid exchanges, brakes and vehicle component diagnosis and replacement.



INDUSTRY-BASED CERTIFICATION OPPORTUNITIES

S/P2 Safety Certification;
Automotive Service Excellence (ASE) Certifications

Texas Data: Collected by TEA October 2019

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Automotive Body and Related Repairers	\$40,144	1,456	25%
Automotive Service Technician and Mechanics	\$38,459	5,557	18%

RECOMMENDED COURSE SEQUENCE

- 1 LEVEL** Automotive Basics (RHS)
- 2 LEVEL** Automotive Technology I (RHS)
- 3 LEVEL** Automotive Technology II (RHS)
- 4 LEVEL** Practicum in Transportation Systems (RHS)

NOTE: See reverse for additional course sequence options and endorsement requirements. Course descriptions and details can be found in the course catalog.

WORK-BASED LEARNING EXPERIENCES

Technical School Guest Speakers; Automotive Industry Speakers; Automotive SkillsUSA Competitions; Community Repair Service Projects; Internships.

CAREER AND TECHNICAL STUDENT ORGANIZATIONS

SkillsUSA; National Technical Honor Society (NTHS)



The Transportation, Distribution, and Logistics Career Cluster focuses on careers in planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Non-Discrimination Statement

It is the policy of Leander ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its Career and Technology Education Programs, services, or activities. Leander ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. Es norma de Leander ISD de no discriminar por motivos de raza, color, origen nacional, sexo o impedimento, en sus programas, servicios o actividades vocacionales. Leander ISD tomará las medidas necesarias para asegurar que la falta de habilidad en el uso de la lengua inglés no sea un obstáculo para la admisión o participación en todos los programas educativos y vocacionales.

AUTOMOTIVE

BUSINESS AND INDUSTRY

A student may earn a Business and Industry endorsement by completing foundation and general endorsement requirements. Endorsement course options for the Automotive program of study are listed below.



4 CREDITS REQUIRED

Required Courses:

- Automotive Basics
- Automotive Technology I

Choose additional credits from the following:

- Automotive Technology II
- Practicum in Transportation Systems
- Agricultural Mechanics and Metal Technologies
- Business Management
- Professional Communications or Entrepreneurship
- Career Preparation
- Project-Based Research

INDUSTRY-BASED CERTIFICATION OPPORTUNITIES

S/P2 Safety Certification

S/P2 ensures students and employees learn about workplace safety and compliance with OSHA and EPA—before they step into the work area. S/P2 also offers training in Ethics, Human Resources, Mentoring, Sustainability and Soft Skills. S/P2 training helps schools and businesses reduce risk and instill a safety culture in all industries

Automotive Service Excellence (ASE) Certifications

ASE, is short for the National Institute for Automotive Service Excellence. Since 1972 the independent non-profit organization has worked to improve the quality of vehicle repair and service by testing and certifying automotive professionals. ASE promotes excellence in vehicle repair, service and parts distribution. ASE Certified Professionals work in every part of the automotive service industry. ASE certified automotive technicians and service professionals, not the auto shops.

ASE Entry-Level Automotive Maintenance and Light Repair (MR) - ASE Entry-Level Certification: Engine Repair (ER) -
ASE Entry-Level Brakes (BR) - ASE Entry-Level Suspension and Steering (SS) -
ASE Entry-Level Mechanical and Electrical Components (ME) - ASE Entry-Level Automatic Transmission/Transaxle (AT) -
ASE Entry-Level Engine Performance (EP) - ASE Entry-Level Heating and A/C (AC) -
ASE Entry-Level Certification: Manual DriveTrain and Axles (MD)

NOTES:
