



- Level 1**
 - Principles of Transportation Systems [1 Credit] **(Paired with STC DC Course)**
 - Small Engine Technology I [1 Credit] **(Paired with STC DC Course)**

- Level 2**
 - Automotive Basics [1 Credit] **(Paired with STC DC Course)**

- Level 3**
 - Energy and Power of Transportation Systems [1 Credit] **(Paired with STC DC Course)**
 - (Advanced Course)**

- Level 4**
 - Career Preparation I [3 Credits] **(Advanced Course)**

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
	Master Collision Repair and Refinishing Technician	Autobody/Collision and Repair Technology/Technician		Mechanical Engineering
	Automobile Technician: various systems and parts	Medium/Heavy Vehicle and Truck Technology/Technician		
	Engine Machinist Technician	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Engineering/Mechanical Technology/Technician	
	Collision Repair and Refinish			

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%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
SkillsUSA competition Automotive Service Association	Work at a local automotive repair or body shop.

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

The Automotive program of study teaches CTE learners how to repair and refinish automobiles and service various types of vehicles. CTE learners may learn to collect payment for services or supplies and perform typical vehicle maintenance procedures such as lubrication, oil changes, installation of antifreeze, or replacement of accessories like wiper blades or tires.



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.

Successful completion of the Automotive program of study will fulfill requirements of the Business and Industry Endorsement. Revised – July 2022



COURSE INFORMATION

COURSE NAME	SERVICE ID	PREREQUISITS (PREQ) COREQUISITES (CREQ)	Grade
Principles of Transportation Systems	13039250 (1 credit)	None	9-12
Small Engine Technology I	13040000 (1 credit)	None	9-12
Automotive Basics	13039550 (1 credit)	None	9-12
Energy and Power of Transportation Systems	13039300 (1 credit)	None	10-12
Career Preparation I	12701305 (3 credits)	None	11-12

FOR ADDITIONAL INFORMATION ON THE TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CAREER CLUSTER, PLEASE CONTACT:

Your Junior High or High School Counselor

Sharyland Independent School District offers career and technical education programs in Agriculture, Food and Natural Resources; Architecture and Construction; Arts, Audio/Video Technology and Communications; Business Management and Administration; Education and Training; Finance, Health Science; Hospitality and Tourism; Human Services; Law, Public Safety, Corrections and Security; Science, Technology, Engineering, and Mathematics (STEM); and Transportation, Distribution, and Logistics. Admission to these programs is based on interest and aptitude, course sequencing, age appropriateness, and class space availability. Some programs require an application process. It is the policy of Sharyland ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of Sharyland ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Sharyland 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. For information about your rights or grievance procedures, contact our Title IX Coordinator at 1200 N. Shary Road, Mission, TX 78572, or by email at deborahgarza@sharylandisd.org and our Section 504 Coordinator at 1200 N. Shary Road, Mission, TX 78572, by email at mariaboyd@sharylandisd.org or by calling (956) 580-5200.