



Level 1 **09785** Basic Collision Repair and Refinishing

Level 2 **09786** Paint & Refinishing

Level 3 **19006** Practicum in Transportation Systems

Level 4 **29006** Practicum in Transportation Systems II

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Automotive Service Excellence (ASE) Entry Level	Master Collision Repair and Refinishing Technician	Autobody/ Collision and Repair Technology/ Technician		Mechanical Engineering
Automotive Service Excellence (ASE) Professional Level	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 2020



COURSE INFORMATION

09785	COLLISION REPAIR	GPA Level: Regular
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Grade Level: 9-12	Service ID: 13039800 (2 cr.)	Prerequisites: None
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Collision Repair includes knowledge of the processes, technologies, and materials used in the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to automotive collision repair and refinishing.

09786	PAINT & REFINISHING	GPA Level: Regular
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Grade Level: 11-12	Service ID: 13039900 (2 cr.)	Prerequisites: Collision Repair
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Paint & Refinishing continues with the collision repair basics and adds frame and body repair, structural straightening, disassembling and reassembling of automotive vehicles, Advanced GMA Welding, and advanced refinishing. I-CAR Certifications are offered in collision repair welding, collision repair technology and refinishing technology.

19006	PRACTICUM IN TRANSPORTATION SYSTEMS I	GPA Level: Regular
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Grade Level: 11-12	Service ID: 13040400 (2 cr.)	Prerequisites: Automotive Technology or Collision Repair
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Practicum in Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab based or worked based.

29006	PRACTICUM IN TRANSPORTATION SYSTEMS II	GPA Level: Regular
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Grade Level: 11-12	Service ID: 13040450 (2 cr.)	Prerequisites: Practicum in Transportation Systems I
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Extended Practicum in Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. Extended Practicum in Transportation Systems can be either school lab based or worked based.

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

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