



# 2026 Certified CTS Instructor Training Tour

TIA is holding the Commercial Tire Service (CTS) Certified Instructor Course in several cities across America in 2026. Those who successfully pass the 4-day class will be Certified as CTS Instructors, allowing them to certify CTS Technicians in the field.

**Certified Commercial Tire Service (CTS)** is designed for the professional commercial tire technician, with subjects ranging from mounting/demounting to road service safety.

## Following is a list of the 19 Modules that make up the Certified Commercial Tire Service (CTS) Program:

**Module 1: Introduction.** Basic workplace safety, personal protective equipment, lifting safety, heatstroke/hypothermia identification, prevention and treatment procedures, heat stroke and hypothermia.

**Module 2: Tires.** Tire construction, sizing, sidewall information, federal requirements and radial truck tire identification/application.

**Module 3: Rims, Wheels & Hubs.** Rim and wheel component identification and sizing, disc wheel offset, wide base inset/outset and hub identification.

**Module 4: OSHA Regulations.** Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1910.177 and the OSHA Demount/Mount and Rim Matching Charts for truck and bus tires.

**Module 5: Road Service Safety.** Service truck pre-trip inspection, driver safety, road service safety guidelines, service truck position, and worksite assessment.

**Module 6: Jacking & Lifting, Lock-Out/Tag-Out.** Lock-out/Tag-out procedures for commercial vehicles and vehicle lifting procedures and guidelines using hydraulic jacks and jack stands.

**Module 7: Tire/Wheel Inspection.** Inspection criteria for tires and wheels on commercial vehicles including tread depth measurement, dual matching tolerance and federal regulations/out-of-service conditions.

**Module 8: RIST.** Relationship between torque and clamping force and the RIST procedure for installing wheels and rims (Remove, Inspect, Snug, Torque).

**Module 9: Hub-Pilot Service.** Service procedures and safety guidelines for identifying, removing, inspecting and installing hub-pilot disc wheels.

**Module 10: Stud-Pilot Service.** Service procedures and safety guidelines for identifying, removing, inspecting and installing stud-pilot disc wheels.

**Module 11: Demountable Rim Service.** Service procedures and safety guidelines for identifying, removing, inspecting and installing demountable rims.

**Module 12: Single Piece Demount/Mount.** Step-by-step procedures for demounting and mounting single piece truck tire assemblies with TPMS sensors using tire irons and tire machines.

**Module 13: Single Piece Inflation.** OSHA regulations and procedures for inflating single piece radial truck tires including zipper rupture identification and heat damage to disc wheels.

**Module 14: Multi-Piece Demount/Mount.** Step-by-step procedures for demounting and mounting multi-piece truck tires including rim component identification and matching using the OSHA Rim Matching Chart.

**Module 15: Multi-Piece Inflation.** OSHA regulations and procedures for inflating multi-piece tube-type rim and wheel assemblies.

**Module 16: Balance & Run-Out.** Limits and procedures for correcting static and dynamic imbalance and the limits and procedures for measuring radial and lateral run-out.

**Module 17: Repair.** Industry limits, guidelines and procedures for installing one-piece and two-piece puncture repairs and reinforced shoulder repairs in radial truck tires.

**Module 18: Charts & Tables.** Tire and Rim Association (TRA) load and inflation tables to determine correct inflation for the load and tire dimension charts to determine proper rim width and minimum dual spacing.

**Module 19: USTMA Guidelines.** Identify the guidelines in the Care and Service of Commercial Truck and Bus Tires and Tire Information Service Bulletins established by the U.S. Tire Manufacturers Association (USTMA).



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