

# TRUCK & TRANSPORT SERVICE TECHNICIAN



EAST COAST TRADES COLLEGE

(506) 454-0867

[www.eastcoastrades.com](http://www.eastcoastrades.com)

Adjust, repair or replace parts and components of truck-trailer systems including structural, brake and electrical systems.

## Course Outline:

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- Safety
- Tools & Equipment
- Hoisting & Lifting
- Communication & Documentation
- Preventative Maintenance
- Start, Move & Park Vehicle
- Fasteners, Tubing, Hoses & Fittings
- Lubrication & Fluids Servicing
- Gaskets, Seals & Sealing Components
- Bearings
- Metallurgy
- Cutting & Heating
- MIG Welding
- Tires, Rims & Wheels
- Engine Principles
- Cooling Systems
- Engine Lubrication Systems
- Electrical & Electronic Principles
- Batteries
- Conventional Light Circuits
- Wiring Harnesses & Accessories
- Introduction to Hydraulics
- Hydraulic Fittings, Piping, Tubing & Hose
- Reservoirs, Coolers & Filters
- Vehicle Hydraulic Brake Systems
- Basic Air Brake Systems
- Ozone Depleting Substances.

## What type of work do Truck & Transport Service Technicians do?

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Adjust, repair or replace parts and components of commercial transport truck systems including chassis, frame, cab, body, engine and drive train, air brakes, steering, and fuel, hydraulic, electrical and electronic systems.

## What are the employment requirements for working in this trade?

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- Completion of secondary school and training courses or a vocational program are usually required.
- Completion of a four-year truck and transport mechanic or truck-trailer repair apprenticeship or A combination of over four years of work experience and industry courses in truck or heavy duty equipment mechanics is required to be eligible for trade certification.
- Trade certification for truck and transport mechanics is compulsory in Nova Scotia, Ontario and Alberta and available, but voluntary, in Newfoundland and Labrador, Prince Edward Island, New Brunswick, Quebec, Manitoba, Saskatchewan, British Columbia and the Yukon.
- Transport trailer technician trade certification is compulsory in Ontario and available, but voluntary, in Newfoundland and Labrador, Nova Scotia, Prince Edward Island, New Brunswick, Manitoba, British Columbia and the Yukon.
- Red Seal endorsement is also available to qualified truck-trailer repairers and truck and transport mechanics upon successful completion of the inter provincial Red Seal examination.

\*All information provided in brochures are subject to change. Please verify with College for exact costs or changes to course outline.

## What types of jobs can I obtain after completing this program?

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- Bus and transport mechanic
- Bus and truck mechanic
- Bus mechanic
- Car mechanic
- Commercial trailer mechanic
- Commercial trailer technician
- Commercial transport vehicle mechanic
- Diagnostic technician - motor vehicles
- Engine mechanic - motor vehicle
- Front-end mechanic
- Fuel and electrical systems technician - motor vehicle
- Garage mechanic
- Mechanic - motor vehicle manufacturing
- Truck and coach technician
- Truck and trailer repairer
- Truck and Transport service technician
- Truck mechanic
- Truck Trailer mechanic
- Wheel alignment and brake mechanic
- Wheel alignment and brake specialist
- These are just a few of the many jobs that you could obtain, please review to the National Occupational Classification for more job titles.

## Where can Truck & Transport Service Technicians be employed?

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They are employed by motor vehicle dealers, garages, truck and trailer dealerships, fleet maintenance companies, and service stations, automotive specialty shops, transportation companies and retail establishments which have automotive service shops. This unit group also includes mechanical repairers who perform major repairs and replacement of mechanical units on newly assembled motor vehicles. They are employed by motor vehicle manufacturing companies.

Please note: Block I, III and IV are Heavy Equipment Service Technician, Agricultural Service Technician and Truck & Transport Service Technician are identical. Block II is different for each of these. Block III for Agricultural will also add some implementations.