



## CAREER PROFILES

### Automotive Service Technicians, Truck and Bus Mechanics, and Mechanical Repairers:

**Automotive Service Technicians, Truck and Bus Mechanics, and Mechanical Repairers** inspect, diagnose, repair, and service mechanical, electrical, and electronic systems and components of cars, buses, and light and commercial transport trucks. They often use computerized diagnostic equipment to test, adjust, and repair key vehicle components such as engines, steering systems, braking systems, drive trains, vehicle suspensions, and electrical systems.

### Wage/Salary Information:

\$47,650 is the median annual salary found in local job-postings.

\$23.02/hour is the median wage reported locally.

### Commonly Listed Skills in Job Postings:

- Detail oriented
- Teamwork
- Maintenance
- Manual dexterity
- Troubleshooting
- Oral and written communication
- Work independent
- Self motivated
- Computer use
- Problem solving
- Organizational skills
- Forklift driving
- Time management
- Management
- Data entry
- Microsoft office
- Creativity

### Job Duties:

Automotive Service Technicians inspect motors in operation, road test motor vehicles, and test automotive systems and components using computerized diagnostic and other testing devices to diagnose and isolate faults. Automotive Service Technicians adjust, repair, or replace parts and components of automotive systems using hand tools and other specialized

automotive repair equipment. They also test and adjust repaired systems to manufacturer's performance specifications, perform scheduled maintenance service, and advise customers on work performed, general vehicle condition, and future repair requirements.

Mechanical Repairers inspect and test mechanical units, such as engines, transmissions, axles and brake systems, to locate faults and malfunctions. They diagnose faults or malfunctions and confirm whether to replace or repair the unit. If necessary, they will replace or repair these mechanical units or components using hand and power tools. Mechanical Repairers also test and adjust units to specifications for proper performance and complete reports to record problems and work performed.

Truck and Transport and Truck-Trailer Mechanics adjust, repair, or replace parts and components of commercial transport truck systems. They also adjust, repair, or replace parts and components of truck-trailer systems.

### Working Conditions:

Automotive Service Technicians, Truck Mechanics and Mechanical Repairers typically work a regular 35- to 40-hour workweek. Some workers may be required to be on call for emergency repairs as some service shops offer evening and weekend services.

Workers in this occupational group generally work in automotive repair shops or garages. Those employed in small shops tend to have a wider variety of duties than those in larger shops.

Most work environments are well-ventilated and well-lit, although some shops may be drafty and noisy. This type of work can be dirty and is often carried out in cramped spaces, with considerable bending, kneeling and lifting.

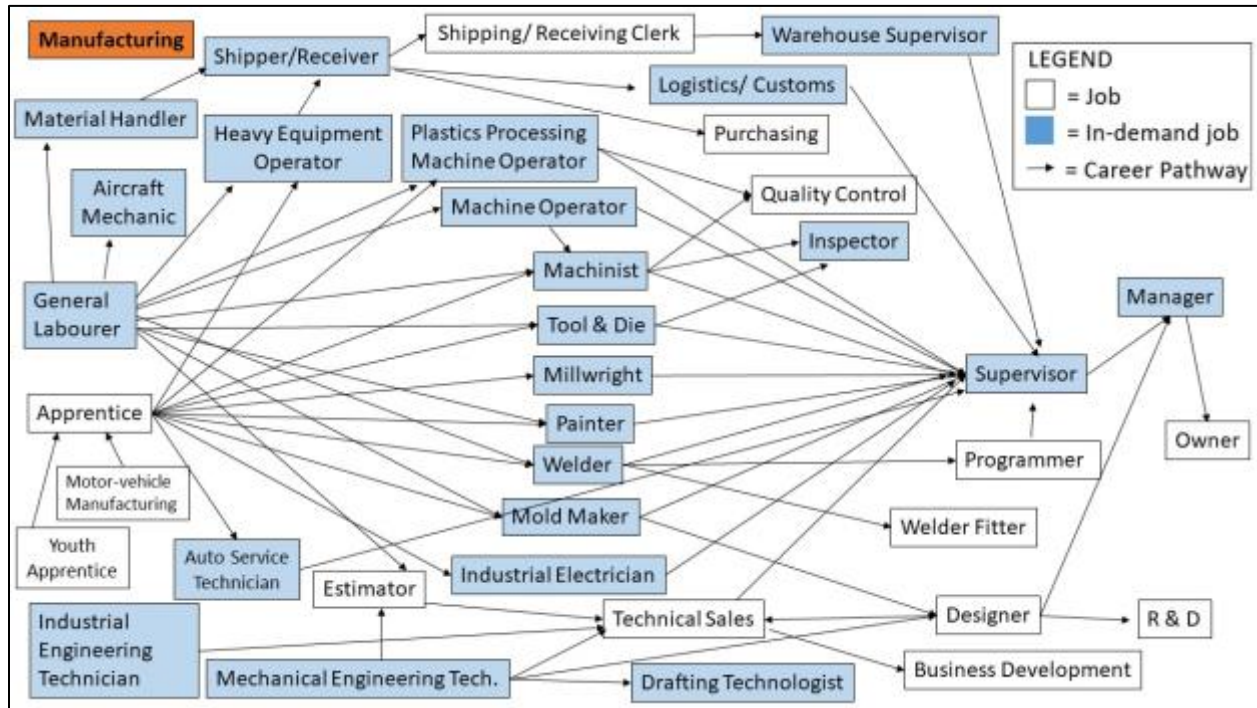
### Career Pathways:

Automotive Service Technicians, Truck and Bus Mechanics, and Mechanical Repairers should have a grasp of industry terminology. An Automotive Service Technician is an apprenticeable job, and therefore, experienced Technicians can become certified by completing an apprenticeship program or through work experience and challenging an exam.

Automotive Service Technicians, Truck and Bus Mechanics, and Mechanical Repairers typically work in automotive repair shops or garages. Below are potential career paths for Automotive Service Technicians, Truck and Bus Mechanics, and Mechanical Repairers:

- Apprentice Motor Vehicle Mechanic
- Automobile Mechanic
- Automotive Service Technician
- Brake Systems Mechanic
- Bus Mechanic
- Mechanical Upgrader – Motor Vehicle Manufacturing

- Motor Repairer – Motor Vehicle Manufacturing
- Transmission Mechanic
- Truck and Transport Mechanic
- Truck-Trailer Repairer
- Tune-Up Specialist – Motor Vehicle



### Education and Training Pathways:

If you're interested in becoming an Automotive Service Technician, Truck and Bus Mechanic, and/or Mechanical Repairer, you can begin your apprenticeship or attend a local training/education program.

### Apprenticeship Details:

Alignment and Brakes Technician

- Certification: Compulsory (not required to practice this profession in Ontario)
- Red Seal: No
- On-the-job training: 5,400 hours
- In-class training: Two 8-week technical sessions

Automotive Electronic Accessory Technician

- Certification: Compulsory (not required to practice this profession in Ontario)
- Red Seal: No
- On-the-job training: 3,000 hours
- In-class training: One 8-week technical sessions

#### Automotive Service Technician

- Certification: Compulsory (not required to practice this profession in Ontario)
- Red Seal: Yes
- On-the-job training: 6,500 hours
- In-class training: Three 8-week technical sessions

#### Fuel and Electrical Systems Technician

- Certification: Compulsory (not required to practice this profession in Ontario)
- Red Seal: No
- On-the-job training: 6,500 hours
- In-class training: N/A

#### Transmission Technician

- Certification: Compulsory (not required to practice this profession in Ontario)
- Red Seal: No
- On-the-job training: 6,000 hours
- In-class training: Two 8-week technical sessions

#### Truck and Coach Technician

- Certification: Compulsory (not required to practice this profession in Ontario)
- Red Seal: Yes
- On-the-job training: 6,000 hours
- In-class training: Three 8-week technical sessions

#### Truck-Trailer Service Technician

- Certification: Compulsory (not required to practice this profession in Ontario)
- Red Seal: Yes
- On-the-job training: 4,000 hours
- In-class training: Two 8-week technical sessions

Individuals interested in pursuing an apprenticeship pathway, should follow these steps:

- 1) Get hired – by an employer/sponsor/union
- 2) Apply online to register as an apprentice at [www.ontario.ca/page/start-apprenticeship](http://www.ontario.ca/page/start-apprenticeship)
- 3) Sign a training agreement with your employer/sponsor and the Employment Ontario apprenticeship office.
- 4) Become a Member of the Ontario College of Trades Apprentices Class at [www.collegeoftrades.ca/membership](http://www.collegeoftrades.ca/membership)
- 5) Keep a record of the hours you work
- 6) Achieve the competencies listed in your training standard if required in your trade
- 7) Complete all of the training requirements in your trade and you will receive a Certificate of Apprenticeship (CoA).
- 8) Write the Exam for the Certificate of Qualification if required in your trade

If you are currently in high school and would like to begin an apprenticeship, visit [oyap.com](http://oyap.com) for more information about the Ontario Youth Apprenticeship Program.

Individuals unsure about whether to pursue an apprenticeship or not, can learn more by visiting [www.ontario.ca/page/prepare-apprenticeship](http://www.ontario.ca/page/prepare-apprenticeship).

#### St. Clair College:

### **Motive Power Technician**

#### **Admission/Eligibility Requirements:**

- OSSD with the majority of courses at the College (C), University (U), University/College (M), or Open (O) level
- Grade 12 Math (C) or (U)
- Senior Level Physics (C) or (U), or;
- Mature Student Status

**Academic Credential:** Two Year - Ontario College Diploma

**Professional Certification:** Motive Power Technicians are excellent candidates for automotive service technician, truck and coach and heavy duty technician apprenticeship positions

**Attendance:** In-person

**Full-time or Part-time:** Full-time

**Program Length:** 4 semesters

**Program Cycle:** Unknown

**Program Cost:**

- Year 1: \$4,441.61
- Year 2: \$3,804.05

- Total: \$8,245.66 (2017/18)

**OSAP Eligible:** Yes

**Location:** 2000 Talbot Road West, Windsor, N9A 6S4

For more information on this program, please visit:

<http://www.stclaircollege.ca/programs/postsec/motive/>

***Disclaimer:** The educational institution reserves the right to change information without notice, and may result in discrepancies between their information and the information presented above. If any errors are found, please report them to [info@workforcewindsorsex.com](mailto:info@workforcewindsorsex.com).*