

MOTIVE POWER

NOC 7321

TRANSMISSION TECHNICIAN (A.C.A., restricted certified trade)

WORK DESCRIPTION

What would I be doing?

Transmission Technicians specialize in automatic and manual transmissions in cars, trucks, and buses. They diagnose and repair:

- drive train components,
- shafts,
- axles,
- transfer cases.

Transmission Technicians:

- use hand and power tools to correct or replace faulty parts,
- consult with the supervisor and customers,
- consult service and owner manuals,
- advise customers of potential problems and proper maintenance procedures.

There is a great variety of problems to solve and tasks to perform. Transmission Technicians normally work a standard 40-hour week.

PLACE OF WORK

Who needs Transmission Technicians?

- retail industry,
- automotive repair shops,
- service stations,
- car or truck dealerships.

CONDITIONS OF WORK

A Transmission Technician is a restricted certified trade.

A person must have a valid Certificate of Qualification or be registered as an apprentice to work in the trade. An apprentice **may** be paid wages.

SALARIES/WAGES

The salary depends on the employer, years of experience, and level of training. In unionized places the wages and conditions of work are negotiated collectively.

In the Elgin, Middlesex and Oxford area, Transmission Technicians can earn \$ 17.00 - \$ 21.01 per hour, averaging \$ 19.54 per hour.

(Next)

PROSPECTS of EMPLOYMENT in the Elgin, Middlesex and Oxford area

RATING: *good*

Growth in the Transmission Technician trade is controlled largely by the economic climate.

APPRENTICESHIP IN THE TRANSMISSION TECHNICIAN TRADE

- takes about 2 ½ - 3 years or 5 400 h including 480 h of post secondary in-school training; prior education and experience may shorten the time to complete all the competencies,
- must complete the apprenticeship to receive a Certificate of Apprenticeship,
- must pass the Certificate of Qualification exam to receive a Certificate of Qualification with journeyman status,
- Interprovincial Trade Certification (Red Seal) is not available.

In-School Education:

An OYAP student must be 16 years old and completed Grade 10 (or equivalent).

Otherwise, all apprenticeship applicants must successfully complete Grade 12 (OSSD) or equivalent. The following competencies are valuable:

English, *Communication skills*,
Mathematics, *mechanical aptitude*,
Science, *problem-solving skills*
Transportation Technology (Mechanics).

OYAP students must be full-time students in high school and those who obtain apprenticeships will complete the apprenticeship curriculum in college or an approved Training Delivery Agent.

Specific skills learned in school are:
safety, manual transmissions, automatic transmissions, general shop practice, electricity and electronics, drive train components.

On the Job Training

- As a high school Cooperative Education credit (towards O.S.S.D.), learning is connected to one of the school subjects.
- The Apprentices must follow a program in the **Apprenticeship Training Standards** book which is given to them in the workplace when they register. As each competency is achieved the employer signs it off.

OPPORTUNITY TO GROW

A Certificate of Qualification (as a journeyman) is needed to start working as a Transmission Technician or at least a registration as an apprentice in the trade. After becoming a journeyman a technician may:

- become a foreperson or a supervisor,
- start own automotive repair shop,
- work in related areas or occupations.

RELATED OCCUPATIONS

- Parts Person,
- Automotive Technician,
- Inspector, Tester, Assembler.

CONTACT INFORMATION

Whom should I call?

School Guidance/Co-Op Office
Apprenticeship Office 519 675 7788
London: 1 800 265 1050
Apprenticeship web www.edu.gov.on.ca
EMOLTB web site: www.localboard.on.ca
Training Hotline 1 800 387 5656
Union: