

# OYAP: AUTOMOTIVE SERVICE TECHNICIAN



## ONTARIO YOUTH APPRENTICESHIP PROGRAM:

Students will be integrated with regular college apprentices to earn their Level 1 Apprenticeship.

**CAMPUS:** Cornwall

**SEATS:** Students from surrounding high schools will participate

**DURATION:** 8 weeks from October to December

**SCHEDULE:** Monday, October 21 to Friday, December 13

## CREDITS EARNED:

- MTCU LEVEL 1 APPRENTICESHIP – CODE: **310S**
- 2 SECONDARY SCHOOL MINISTRY DUAL CREDITS – CODE: **TTE4Y**
- 5 COLLEGE CREDITS – TOTAL OF 240 HOURS

## COLLEGE CREDITS INCLUDE:

### **MOTO 101** – APPLIED WORK PRACTICE (30 hours)

This applied work practices and procedures course will provide students with safety requirements, WHMIS, occupational health and safety legislation, fire extinguishers, and lifting and handling techniques. Measuring tools, fasteners and sealants, fluid power, hydraulics and pneumatics operating principles and construction will also be covered. The student will also be able to demonstrate the basic working knowledge of oxyacetylene welding. The student will learn the theory involved with handling and operating the equipment

### **MOTO 102** – ENGINE SYSTEMS (36 hours)

The Internal Combustion Engine Common Core will provide students with a working knowledge of the construction, operating principles, testing and servicing of internal combustion engine assemblies, lubrication assemblies, and cooling systems.

### **MOTO 103** – ELECTRICAL, ELECTRONICS AND FUEL SYSTEMS (96 hours)

Motive power electrical, electronics and fuel systems will provide the student with a basic working knowledge of electrical and fuel systems. The accent is on development of foundational concepts used in simple DC circuits

### **MOTO 104** – GEAR TRAINS (36 hours)

The motive power gear trains common core will provide students with a working knowledge of the construction, operating principles, testing, and servicing of clutch assemblies, manual transmissions and drive lines.

### **MOTO 105** – STEERING, SUSPENSIONS AND BRAKES (42)

The suspension, steering, and brakes section will provide students with essential introductory and fundamentals of suspension assemblies and components, manual steering and linkage assemblies, and base brake system components and operation. Also air brake adjustment and air brake chamber safety will be covered.

**All students must have steel-toe safety boots to participate in this program.**

**PA DAYS:** During scheduled board PA days, St. Lawrence College classes are still in session.

You are expected to attend if you have an SLC class scheduled on this day.

**SLC.ME – APPLYING TO GRADUATE:**

Students in Level 1 Apprenticeship programs must apply to graduate through SLC.me after successful completion of their college courses. If students apply to graduate they will receive a certificate from St. Lawrence College in the mail (*please ensure your address is current and correct with the Dual Credit/PASS office*). When students complete their Level 3, students can apply to graduate and attend the convocation ceremony.

**FOR MORE INFORMATION:**

**Website:** [stlawrencecollege.ca/dualcredit](http://stlawrencecollege.ca/dualcredit)

**Email us at:** [DualCredit@sl.on.ca](mailto:DualCredit@sl.on.ca)

**IN PARTNERSHIP WITH:**



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