

OYAP: GENERAL CARPENTRY



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: **403A**
- 2 SECONDARY SCHOOL MINISTRY DUAL CREDITS – CODE: **TSA4Y**
- 6 COLLEGE CREDITS – TOTAL OF 240 HOURS

COLLEGE CREDITS INCLUDE:

CARP 10 - SAFETY IN CONSTRUCTION (30 hours)

This course provides the student with information required for the safe use of ladders, scaffolds, fire protection, personal protection devices and the Ontario Construction Safety Association's Safety in Rigging program. Students will study the Occupational Health & Safety Act of Ontario and the requirements of the Workplace Hazardous Materials Information System related to construction projects.

CARP 11 - CONSTRUCTION MATERIALS & TOOLS (48 hours)

The apprentice will be presented with information for the care and safe use of hand, portable and stationary power tools including circular, reciprocating and sabre saws, portable drills, radial arm and table saws, jointer, planner, and shapers. Apprentices will also study the production and physical characteristics of materials used in construction including solid and manufactured lumber products, fasteners and adhesives. General safety knowledge related to the construction site and College labs will also be presented. The student will also study the requirements for the completion of their apprenticeship and the history of their trade.

CARP 12 - CONSTRUCTION MATERIALS & TOOLS – LAB (80 hours)

Through the completion of assigned lab projects, the apprentice will demonstrate an understanding of course material from CARP 11 for the care and safe use of hand, portable and stationary power tools including circular, reciprocating and sabre saws, portable drills, radial arm and table saws, jointer, planner, and shapers. Additionally, by completing the assigned lab projects, the apprentice will demonstrate their understanding of the physical characteristics of materials used in construction including solid and manufactured lumber products, fasteners and adhesives.

CARP 59 - PLANS, SPECIFICATIONS & CODES 1 (32 hours)

This course will familiarize the student with the composition and use of construction blueprints and associated specifications. Students will gain proficiency in sketching of orthographic, isometric and pictorial views for the communication of information. Students will design and draw a four page set of plans for a small residential building applying basic drafting protocols for the selection of symbols, line weights and title boxes.

CARP 60 - ESTIMATING, CALCULATIONS & LAYOUT 1 (32 hours)

This course will assist the student in solving trade related problems involving basic math skills as well as linear measurement, area, surface, volume of space, ratio & proportion, square root, angular measurement, use of both metric and imperial measure. Students will also be introduced to basic applications of geometric layout used in the construction trade. While students may use a calculator during class exercises, all testing will be completed without the use of a calculator.

CARP 86 - INTRODUCTION TO METAL CUTTING & WELDING (24 hours)

This course will give the student knowledge in the general safety practices and operating principles of oxy-acetylene and arc welding. Students will also be introduced to the basic levels of cutting, brazing and welding.

All students must have steel-toe safety boots and wear pants while in class.

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:

S 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

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

IN PARTNERSHIP WITH:



SCWI/PASS / St. Lawrence College / Algonquin Lakeshore Catholic District School Board / Catholic District School Board of Eastern Ontario / Limestone District School Board / Upper Canada District School Board