

OYAP: INDUSTRIAL MECHANIC MILLWRIGHT



ONTARIO YOUTH APPRENTICESHIP PROGRAM:

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

CAMPUS: Kingston

SEATS: 1 student from a surrounding high school will participate

DURATION: 1 day a week from September 7, 2021 to June 7, 2022

ORIENTATION: September 7, 2021

SCHEDULE: TBA

CREDITS EARNED:

- MTCU LEVEL 1 APPRENTICESHIP – CODE: **433A**
- 2 SECONDARY SCHOOL MINISTRY DUAL CREDITS – CODE: **TRC4Y**
- 5 COLLEGE CREDITS – TOTAL OF 240 HOURS

COLLEGE CREDITS INCLUDE:

MILL 36 - MAINTENANCE PRACTICE BASIC

This course allows the student to apply the practical application of maintenance functions as they apply to machinery and plant equipment (i.e. equipment inspection and lubrication, installation of new equipment and alterations to existing equipment and repairing of primary and secondary machinery).

MILL 39 - MAINTENANCE THEORY BASIC

The student will develop an academic skill that is related to the maintenance functions of industry in order that skilled assessments can be made of the needs to properly maintain the physical plant and related services.

MILL 33 - TRADE CALCULATIONS BASIC

The student will perform the basic trade calculations and demonstrate and apply the theory of torque and the use of simple hand calculations.

MILL 30 - OXYACETYLENE WELDING

The student will be able upon completion of the course to identify oxyacetylene welding equipment and accessories, describe various oxyacetylene processes, weld mild steel in a flat position using oxyacetylene with filler rod making clean uniform welds and cut mild steel stock using same equipment resulting in a clean uniform cut.

MILL 42 - BLUEPRINT READING

The student will learn to read basic blueprints, drawings and free hand sketches, make elementary drawings, complete an assigned work project, and use drawing instruments for orthographic and isometric projections, etc.

IMPORTANT DATES: FALL SEMESTER

September 8th, 2021

First day of classes @ SLC

December 17th, 2021

Fall semester ends @ SLC – Holiday break begins

IMPORTANT DATES: WINTER SEMESTER

January 10th

Classes begin @ SLC for winter semester

February TBA

College Winter Break - Class as Usual (No break for apprentices)

March 7 – 11, 2022

Class as Usual (No break for apprentices)

April 22, 2022

Last day of class & Debrief students please complete. Please check your e-mail for information or contact DualCredit@sl.on.ca

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

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

Email us at: 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*