

# ELECTRICAL



## CONGREGATED DUAL CREDIT PROGRAM:

Secondary school students will attend this class made up of only dual credit students and taught by a college instructor.

**CAMPUS:** Kingston

**SEATS:** 10 students from surrounding high schools will participate

**DURATION:** 14 weeks from February 14<sup>th</sup> to May 27<sup>th</sup>

## CREDIT EARNED:

- 1 SECONDARY SCHOOL MINISTRY DUAL CREDIT – CODE:
- 1 COLLEGE CREDIT – CODE: **TRAD 3**

## COURSE DESCRIPTION:

**TRAD 3** – Electrical Circuits(42 hours)

From this course, students will gain a practical knowledge of how simple AC and DC circuits are designed and constructed, how to measure current, voltage, power and frequency. Students will be introduced to the proper safety procedures when working with electricity. In addition they will assemble a residential electrical service and ancillary equipment, DC lighting circuits, low voltage communication and signaling systems and home automation systems, examine wiring types and requirements, fiber optics, protection and grounding, electrical enclosures, and conduits. Students will also demonstrate the safe and proper handling and storage of hand and power tools, and electrical materials commonly used in the electrical industry.

## SCHEDULE:

DAY	CLASS START TIME	CLASS END TIME	ROOM	INSTRUCTOR	INSTRUCTOR E-MAIL
TBD	9:30am	12:30pm	TBD	Tim Craigen	TCr

**SLC ORIENTATION DATE:** January 26<sup>th</sup> via Zoom

**Winter Dual Credit BREAK:** March 14-18

## 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:



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