

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: 22 (2 sections of 11) students from surrounding high schools will participate

DURATION: 14 weeks from September 13th to December 17th

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 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 | TBD | TBD | TBD | Tyler Hallam | THallam@sl.on.ca |
| TBD | TBD | TBD | TBD | Tyler Hallam | THallam@sl.on.ca |

Your section will be noted on your Dual Credit Welcome letter or contact your Dual Credit Teacher.

SLC ORIENTATION DATE: TBD

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