Department of Electronics, Contract Instructor Positions

SummerTerm 2026 (July-August)

The Department is seeking a qualified contract instructor with strong communication and teaching skills established through successful teaching of engineering courses at the university level. Candidates should have current expertise in the subject area of the course, which might be attained through industrial experience or research in academia or government labs. Candidates must have a degree in a relevant field of engineering.

Applications will be accepted until February 10th. Applications with a covering letter and curriculum vitae including educational background, employment history, and related work experience, should be sent via email to chair@doe.carleton.ca.

This course will be delivered in-person.

Carleton University is committed to fostering diversity within its community as a source of excellence, cultural enrichment and social strength. We welcome those who would contribute to the further diversification of our University including but not limited to women, persons with disabilities, visible minorities, Aboriginal peoples, and persons of any sexual orientation or gender identity.

Contract instructor hiring is governed by the CUPE 4600 Unit 2 collective agreement (https://carleton.ca/hr/labour-relations/academic-staff-agreements/).

Summer Term (Jul-Aug) - Lectures Tuesday/Thursdays 4:05 pm -6:55 pm

ECOR 1032 [0.5 credit]
Circuits and Mechatronics
Electrical circuit fundamentals: resistance, capacitance, inductance, voltage and current sources, Ohm's law, nodal analysis, mesh analysis, source transformation, superposition. Components for mechatronics: filters, operational amplifiers, digital logic gates and combinatorial circuits, analog to digital converters, sensors, actuators, simple control schemes. Project in microcontroller-embedded mechatronic system. Lectures six hours per week, laboratories session six hours per week