

ECSE 200. ELECTRIC CIRCUITS 1.

Credits: 3

Offered by: Electrical & Computer Engr (Faculty of Engineering)

This course is not offered this catalogue year.

Description

Circuit variables. Analysis of resistive circuits, network theorems (Kirchhoff's laws, Ohm's law, Norton and Thevenin equivalent). Ammeters, Voltmeters, and Ohmmeters. Analysis methods (nodal and mesh analysis, linearity, superposition). Dependent sources and Op-Amps. Energy storage elements. First and second order circuits.

- Corequisite: MATH 261 or MATH 263 or MATH 325.
- Tutorials assigned by instructor.
- This course in the Faculty of Engineering is open only to McGill students.
- (4-2-3)
- Prerequisite: PHYS 142 or CEGEP equivalent.
- Corequisite: MATH 263
- Tutorials assigned by instructor.

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