

ECSE 464. POWER SYSTEMS ANALYSIS.

Credits: 3

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

Terms offered: Fall 2025

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Description

Basic principles of planning and operating interconnected power systems with emphasis on Canadian conditions. Mathematical models for system. Steady-state analysis of power systems, load flow formulation and solution algorithms. Operating strategies, economic dispatch, voltage reactive power regulation, frequency and tie-line power control.

- (3-0-6)
- Prerequisite: ECSE 361 or ECSE 362
- This course is offered by the Power Engineering Institute.

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