

ECSE 251. ELECTRIC AND MAGNETIC FIELDS.

Credits: 3

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

Terms offered: Fall 2025, Winter 2026

View offerings for Fall 2025 or Winter 2026 in Visual Schedule Builder.

Description

Divergence, gradient and curl. The divergence theorem and Stokes' theorem. Maxwell's equations, electrostatics, magnetostatics and induction for power-frequency electrical engineering problems.

- (3-2-4)
- Prerequisite(s): ECSE 200 and MATH 262
- (3-2-4)

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