El E 341: Theory of Fields

ELECTRICAL ENGINEERING

Field concepts, vector algebra and calculus, Laplace's equations, wave equation, diffusion equation and their solutions; electric and magnetic fields, Maxwell's equations.

3 Credits

Prerequisites

- Math 264: Unified Calculus & Analytic Geometry IV
- Engr 410: Engineering Analysis II

Instruction Type(s)

- Lecture: Lecture for El E 341

Subject Areas

- Electrical and Electronics Engineering

Related Areas

- Laser and Optical Engineering
- Telecommunications Engineering