

# 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**

- Electrical, Electronics and Communications Engineering, Other
- Laser and Optical Engineering
- Telecommunications Engineering

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