# 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 $target.descriptions.MinimumGrade$

## One-way corequisites

- 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