

## **EI E 341: Theory of Fields**

### **Electrical and Computer 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**

- Prerequisite: Engr 410 or EI E 340

### **Instruction Type(s)**

- Lecture: Lecture for EI E 341

### **Subject Areas**

- [Electrical and Electronics Engineering](#)

### **Related Areas**

- [Electrical, Electronics and Communications Engineering, Other](#)
- [Laser and Optical Engineering](#)
- [Telecommunications Engineering](#)

