

# EI E 442: Electromagnetic Theory II Electrical and Computer Engineering

Transmission-line theory, electric and magnetic properties of matter, plane waves, guided waves; wave propagation in anisotropic media, microwave networks, radiation, antennas.

#### 3 Credits

### Prerequisites

- El E 341: Theory of Fields
- El E 441: Electromagnetic Theory I
- Pre-Requisite: 24 Earned Hours

## Subject Areas

• Electrical and Electronics Engineering

## **Related Areas**

- Electrical, Electronics and Communications Engineering, Other
- Laser and Optical Engineering
- <u>Telecommunications Engineering</u>

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