

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

- [EI E 341: Theory of Fields](#) \$target.descriptions.MinimumGrade\$
- [EI E 441: Electromagnetic Theory I](#) \$target.descriptions.MinimumGrade\$
- Pre-Requisite: 24 Earned Hours

Subject Areas

- [Electrical and Electronics Engineering](#)

Related Areas

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

