

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>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

