THE UNIVERSITY of
MISSISSIPPI

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, electric and magnetic properties of matter, Maxwell's equations.
3 Credits

Prerequisites
- Math 264: Unified Calculus & Analytic Geometry IV

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