ECE 540  **Computational Electromagnetics**  credit: 4 hours.
Basic computational techniques for numerical analysis of electromagnetics problems, including the finite difference, finite element,
and moment methods. Emphasis on the formulation of physical problems into mathematical boundary-value problems, numerical
discretization of continuous problems into discrete problems, and development of rudimentary computer codes for simulation of
electromagnetic fields in engineering problems using each of these techniques. Same as CSE 530. Prerequisite: CS 357; credit or
concurrent registration in ECE 520.

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Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.