

# PHY 4000: Elec & Magnetism I

Electrostatics, Coulomb's and Gauss' Laws, Maxwell's first two equations, Laplace's equation and boundary value problems, dielectrics, currents in conductors.

**Credits:** 3.0

**Prerequisites:**

PHY 2414

PHY 4200

(PHY 2414 :D- and PHY 4200 :D-)

**Co-Requisites:**

**Program:** [Physics](#)