

# Physics 321

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# What have we done in this class?

- ▶ Electrostatics
  - ▶ Coulomb's Law (Finding E by superposition)
  - ▶ Gauss's Law
  - ▶ Electric potential
  - ▶ Conductors and Capacitors
- ▶ Magnetostatics
  - ▶ Current
  - ▶ Biot-Savart Law
  - ▶ Ampere's Law
  - ▶ Vector potential
- ▶ Lorentz Force Law
- ▶ Faraday's Law
- ▶ The Maxwell Equations