

# PHYS 122: General Physics II

Topics include: electric force and electric field, electric potential, capacitance, resistance and resistivity, direct and alternating currents, Kirchhoff's Rules, Ohm's Law, magnetism and Ampere's Law, Faraday's Law, electromagnetic waves, reflection and refraction of light, mirrors and lenses, relativity, quantum physics, atomic and nuclear physics, and elementary particles.

**Credits:** 4

**Lab Hours:** 3

**Lecture Hours:** 3

**Prerequisites:**

PHYS 121 with a grade of C- or higher. Continuation of PHYS 121.

**Program:** Chemistry and Physics

**Semester Offered:** Spring