Physics

PHYS 212  **Univ Physics, Elec & Mag**  credit: 4 hours.

(PHYCS 112) Lectures with demonstrations, discussions, and laboratory. For students in engineering, mathematics, physics, and chemistry. Topics include Coulomb's Law, electric fields, Gauss' Law, electric potential, capacitance, circuits, magnetic forces and fields, Ampere's law, induction, electromagnetic waves, polarization, and geometrical optics. Credit is not given for both PHYS 212 and PHYS 102. Prerequisite: PHYS 211; credit or concurrent registration in MATH 242.

This course satisfies the General Education Criteria for a:
Quantitative Reasoning II
Nat Sci & Tech - Phys Sciences

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<th>Days</th>
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