

# PHYS-222 : General Physics II

During the first term: Kinematics, Newton's laws of motion, conservation laws, rotational motion, periodic motion, and fluid mechanics. During the second term: Thermodynamics, electricity, magnetism, optics and modern physics. A combination of lectures and learning by inquiry are employed. Computers are used for data acquisition, data analysis, and mathematical modeling. Three hours in class, one hour in recitation and two hours in lab per week.

**Credits** 4

**Prerequisites**

[PHYS-221](#), and one of the following [MATH-130](#), [MATH-132](#), [MATH-133](#)

**Term Offered**

Spring Only

**Session Cycle**

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