

# PHYSICS (PHYS)

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**PHYS 2111, General Physics Lab I (1 Credit Hour)**

*0 lecture hours per week, 3 lab hours per week, 3 contact hours per week*

Experiments in mechanics to accompany Algebra/ Trig-based physics. (Not intended for engineering majors). This course requires a lab fee.

**Prerequisite(s):** PHYS 2113\* or 2010.

\* May be taken concurrently.

**PHYS 2113, General Physics I (3 Credit Hours)**

*3 lecture hours per week, 0 lab hours per week, 3 contact hours per week*

Algebra/Trig-based physics: vectors, kinematics, Newton's Laws, momentum, work & energy, rotations, oscillations & waves, elasticity & equilibrium; thermodynamics. (Not intended for engineering majors)

**Prerequisite(s):** MATH 1223 or 1110.

**PHYS 2121, General Physics Lab II (1 Credit Hour)**

*0 lecture hours per week, 3 lab hours per week, 3 contact hours per week*

Experiments in electricity, magnetism, and light to accompany Algebra/ Trig-based physics. (Not intended for engineering majors). This course requires a lab fee.

**Prerequisite(s):** PHYS 2123\* or 2020.

\* May be taken concurrently.

**PHYS 2123, General Physics II (3 Credit Hours)**

*3 lecture hours per week, 0 lab hours per week, 3 contact hours per week*

Electrostatics, circuits, magnetism, induction, optics, and modern physics. (Not intended for engineering majors)

**Prerequisite(s):** PHYS 2113 or 2010.

**Corequisite(s):** PHYS 2121