

Physics

PHYSICS COURSE DESCRIPTIONS

PHYS 110- Selected Topics (Credits: 1 to 6)

PHYS 201 - General Physics*SMI (Credits: 4)

Gen Ed Core-Natural, Math & Info Sciences

An introductory college physics sequence for those whose majors are not in the physical sciences or engineering, which includes the principles of mechanics, waves, sound, thermodynamics, electricity, magnetism, optics, relativity, and quantum theory. Prerequisite: MATH 111, 112, or equivalent.

PHYS 201L - Physics Lab (Credits: 0)

Must be taken concurrently with PHYS 201.

PHYS 202 - General Physics*SMI (Credits: 4)

Gen Ed Core-Natural, Math & Info Sciences

An introductory college physics sequence for those whose majors are not in the physical sciences or engineering, which includes the principles of mechanics, waves, sound, thermodynamics, electricity, magnetism, optics, relativity, and quantum theory. Prerequisites: PHYS 201 or equivalent, MATH 111, 112, or equivalent.

PHYS 202L - Physics Lab (Credits: 0)

Must be taken concurrently with PHYS 202.

PHYS 203 - General Physics*SMI (Credits: 4)

Gen Ed Core-Natural, Math & Info Sciences

An introductory college physics sequence for those whose majors are not in the physical sciences or engineering, which includes the principles of mechanics, waves, sound, thermodynamics, electricity, magnetism, optics, relativity, and quantum theory. Prerequisites: PHYS 202 or equivalent, MATH 111, 112, or equivalent.

PHYS 203L - Physics Lab (Credits: 0)

Must be taken concurrently with PHYS 203.

PHYS 210 - Selected Topics (Credits: 1 to 6)

PHYS 221 - General Physics with Calculus*SMI (Credits: 5)

Gen Ed Core-Natural, Math & Info Sciences

A comprehensive introductory survey course intended primarily for students in the sciences and pre-engineering. Topics include mechanics, wave motion, thermal physics, electromagnetism, and optics. Elementary calculus is used.

PHYS 221L - General Physics Lab (Credits: 0)

Required laboratory portion of PHYS 221.

PHYS 222 - General Physics with Calculus*SMI (Credits: 5)

Gen Ed Core-Natural, Math & Info Sciences

A comprehensive introductory survey course intended primarily for students in the sciences and pre-engineering. Topics include mechanics, wave motion, thermal physics, electromagnetism and optics. Elementary calculus is used.

PHYS 222L - General Physics Lab (Credits: 0)

Required laboratory portion of PHYS 222.

PHYS 223 - General Physics with Calculus*SMI (Credits: 5)

Gen Ed Core-Natural, Math & Info Sciences

A comprehensive introductory survey course intended primarily for students in the sciences and pre-engineering. Topics include mechanics, wave motion, thermal physics, electromagnetism and optics. Elementary calculus is used.

PHYS 223L - General Physics Lab (Credits: 0)

Required laboratory portion of PHYS 223.

PHYS 310 - Selected Topics (Credits: 1 to 6)

Student must have at least sophomore standing to register for this course.

PHYS 410 - Selected Topics (Credits: 1 to 6)

Student must have at least junior standing to register for this course.