

PHYS COURSES

Opposite each course title are three numbers such as 3-2-4. The first number indicates the number of regular classroom hours for the course each week; the second number indicates the number of laboratory hours per week; and the third number indicates the hours of credit awarded for the successful completion of the course. Listed in parentheses at the end of each course description is the term(s) that the course is normally offered. F=Fall, S=Spring, and M=Summer.

The college reserves the right to cancel or delete any course with insufficient enrollment.

Courses

PHYS 1111K. Introductory Physics I. 3-3-4 Units.

An introductory course which will include material from mechanics, thermodynamics and waves. Elementary algebra and trigonometry will be used.(F,M)

Prerequisites: MATH 1111 or higher, and ENGL 0999 unless exempt.

PHYS 1112K. Introductory Physics II. 3-3-4 Units.

An introductory course which will include material from electromagnetism, optics and modern physics. Elementary algebra and trigonometry will be used.(S,M)

Prerequisites: PHYS 1111K.

PHYS 1211K. Principles of Physics I. 3-3-4 Units.

Principles of Physics I and Laboratory is a 4 semester credit hour introductory course which will include material from mechanics, thermodynamics and waves. Elementary differential calculus will be used. This course has a laboratory component that requires a lab kit. Also, students enrolling in eCore lab science courses are advised to consult with transferring institution to determine transferability of course credits.

Prerequisites: Completion of Calculus I (differentiate, integrate, simple functions).

PHYS 2211K. Principles of Physics I. 3-3-4 Units.

An introductory course which will include material from mechanics, thermodynamics and waves. Elementary differential calculus will be used.(F,S)

Prerequisites: MATH 2253, and ENGL 0999 unless exempt.

PHYS 2212K. Principles of Physics II. 3-3-4 Units.

An introductory course which will include material from electromagnetism, optics and modern physics. Elementary differential and integral calculus will be used.(F,S)

Prerequisites: PHYS 2211K.