

# PHYS 2426 : University Physics II

Principles of physics for science, computer science, and engineering majors, using calculus, involving the principles of electricity and magnetism, including circuits, electromagnetism, waves, sound, light, and optics. Laboratory experiments supporting theoretical principles presented in PHYS 2426 involving the principles of electricity and magnetism, including circuits, electromagnetism, waves, sound, light, and optics; experimental design, data collection and analysis, and preparation of laboratory reports. Three hours lecture and three hours lab per week.

**Credits** 4

**Lecture Hours** 3

**Lab Hours** 3

**Clinical Hours** 0

**CIP**

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**Prerequisites**

PHYS 2425 University Physics I (lecture +lab), MATH 2414 Calculus II.

**Corequisites**

PHYX 2426 University Physics Laboratory II (lab).