

# PHYS 101 : Career and Technical Education Physics

**Credits:** 3

**Class Hours:** 3 lecture

**Prerequisites:** Qualified for MATH 100.

**Description:** This course investigates the nature of science and selected topics among linear and rotational mechanics, problems of motion, energy, optics, pressure, fluids, wave motion, electricity, or magnetism. Basic trigonometry is introduced and used along with introductory algebra to solve problems. Emphasis is placed on practical applications of physics in industry and in everyday life. This course is geared for students pursuing certificates and applied science trade degrees.

**Semester Offered:** Fall, Spring

**Designation:**

Diversification: Physical Sciences – DP