

# PHYS 219 : Physics for Engineering Technology

Applies graphical simulations, computational analysis, and computer modeling in the study of electromagnetic systems. Studies electric charges and electromagnetic field theory. Investigates Maxwell's equations by utilizing applied graphical simulations and computational analysis. Includes hands-on exercises and inquiries using scientific method of experimentation, emphasizing applications in engineering technology.

**Credits** 2

**Lecture Hours** 30

**Teaching Equivalent** 2.00

**Designation**

DP

**Prerequisites**

Admission to ENGT program; PHYS 105 and MATH 241, both with grade C or better; or consent.