PHYS 235 : Electromagnetism, Waves and Optics (With Calculus)

How is electricity created or lightning modeled? What is the fundamental nature of light? How can we use mirrors to create three-dimensional images? In this course, electrostatics, electromagnetism, electric and magnetic fields, waves and optics are treated using analytical techniques of calculus and vector analysis. Lab.
Credits 4
Prerequisites
PHYS 125: Matter in Motion (with Calculus)
Corequisites
MATH 280: Calculus B
Attributes
Analytical Reasoning
Appropriate for First-year Students
Required for the major
Natural Sciences Division
Pre-req