Physics 245 : Twentieth Century Physics I

Topics include thermodynamics, special relativity, nuclear decay and radiation, wave nature of particles, introduction to the Schrodinger Equation: infinite well. Mathematical methods relevant to these areas of inquiry will be discussed: probability theory, differential equations.

Credits 3

Prerequisite Courses

Mathematics and Statistics 126: Calculus II

Physics 156: General Physics II

Corequisite Courses

Mathematics and Statistics 225: Calculus III