Nebraska Wesleyan University

PHYS 261 Thermal Physics

Catalog

2012-2013

Course Description

A theoretical treatment of macrophysics. The basic principles of thermodynamics and kinetic theory, and statistical mechanics and information theory will be developed and applied to topics of current interest.

Three lectures per week.

Prerequisite(s): PHYS 101 Principles of Physics I or PHYS 111 General Physics I, MATH 106 Calculus II, and computer programming skills or permission of the instructor.

Corequisite(s): MATH 204 Calculus III or MATH 224 Differential Equations or permission of the instructor.

Course Hours

3 hours

Departments

1. Physics