

2024-2025 TTC Catalog

PHY 222 University Physics II

Lec: 3.0 Lab: 3.0 Credit: 4.0

This course is a continuation of calculus-based treatment of thermodynamics, kinetic theory of gases, electricity and magnetism, and light, including electrostatics, dielectrics, electric circuits, electric and magnetic fields and induction phenomena, geometric and physical optics, and relativity. Laboratory exercises supplement lectures.

Prerequisite

MAT 141

and

PHY 221

with a minimum grade of C

Course Offered

Spring

Summer

Grade Type

Letter Grade

Restrictions

Students may not receive credit for both PHY 222 and PHY 202.

Division

Science and Mathematics