

# 2023-2024 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