



# Wayne County Community College District

## COURSE SYLLABUS

### PHY 245 General Physics II

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**CREDIT HOURS:** 4.00

**CONTACT HOURS:** 90.00

**COURSE DESCRIPTION:**

This course is a continuation of PHY 235. Topics include electricity, magnetism, light and atomic physics. (Meets for six hours - four hours lecture, two hours lab)

**PREREQUISITES:** PHY 235, Lab Fee

**EXPECTED COMPETENCIES:**

Upon completion of this course, the student will be familiar with:

- The fundamental laws of physics and their applications in electricity, magnetism and optics.
- Developing the student's ability to apply these laws to relevant problems.
- Improving measurement and analysis skills.
- Understanding the limitation of equations in solving all problems.
- Learning to work in a group.

**ASSESSMENT METHODS:**

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

**GRADING SCALE:**

90%-100% = A

80%-89.9%= B

70%-79.9%= C

60%-69.9%= D

<60% = E