

# General Physics II

## Physics 011 - Spring 2019

*Instructor:* Chris Ray

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*Office Hours:*

M 2:00 - 3:00

W 3:00 - 5:00

and by design or coincidence.

*Text :* *Physics: Principles with Applications*, by Giancoli.

*Content:* This class will be an introduction to heat, electricity, magnetism, light and quantum physics. In studying these topics you will practice analytical techniques that are essential to understanding the subject. We will not cover every section of the textbook: the calendar has a complete list of the sections you will be expected to master.

*Evaluation:* Your grade will be computed from your performance on the quizzes and exams.

Quizzes	25 %
First Exam	25 % March 15
Second Exam	25 % April 24
Final Exam	25 %

*Quizzes:* The quizzes will be frequent and unannounced and cover the basic definitions and physical laws. The exam problems will be of a range of difficulties, similar to the problems in the textbook.

*Homework:* Physics is learned by working problems unaided, not by studying solutions. My suggestion is that you work the problems in the textbook, acting as if each problem is part of an exam. If you get stuck then reread the associated section of the book and try again. It is fine to fail on a homework problem, indeed it is the best way to find what is not clear in your thinking about the physics. It is not so great to fail an exam problem. So use the homework to get the failing out of the way before it comes time to take the exam. So keep working problems until you can do them without fail. This will make us all much happier.

Reasonable and appropriate accommodations, that take into account the context of the course and its essential elements, for individuals with qualifying disabilities, are extended through the office of Student Disability Services. Students with disabilities are encouraged to contact the Student Disability Services Coordinator at (925) 631-4164 to set up a confidential appointment to discuss accommodation guidelines and available services. Additional information regarding the services available may be found at the following address on the Saint Mary's website: <http://www.stmarys-ca.edu/academics/academic-advising-and-achievement/student-disability-services.html>