

General Physics II – Fall 2018

PHY 162.001.002
Marquette University

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Office	MEB 344
Office Hours	Mon., Tues., and Wed. 7:00 – 8:00 and by appointment

Lecture	PHY 162.001.002 in MEB 108
Lab	Thursday 8:25 – 12:05 in MEB 344 (PHY 162.002) Thursday 8:00 – 9:40 in MEB 204 (PHY 162.003)
Textbook	Fundamentals of Physics, 9 th edition, Halliday, Resnick, and Walker
Prerequisite	PHY 161
Corequisite	MA11102

Supplemental Instruction	Sam DeBruin-Chapman
Email	samuel.debruin-chapman@marquette.edu
Office	Mon., Tues., and Thurs. 7:00 – 8:20 in MEB 144

You are highly encouraged to attend all meetings. Sam will discuss the solutions to the posted preceptor quiz problems in addition to clarifications on content covered in class. Sam is a tutor for about 50 hours at least since a week prior to your last 1 hour preceptor questions.

Course Description

PHY 162 is the second course in the two semester sequence of introductory, calculus-based physics courses. You must have successfully completed or be enrolled in MA11102 or equivalent since you will use algebra, geometry, trigonometry, and calculus to learn physics concepts in this course. Whether you are studying to become a physicist, an engineer, a physician, or a chemist, you will use the advantage of understanding basic physics principles in your discipline.

Course Objectives

In this course, you will learn principles behind Waves, Electric Charges, Electric Fields, Gauss' Law, Electric Potentials, Capacitors, Current and Resistance, Circuits, and Magnetic Fields.

Calculator policy

Since we will be practicing problems solving almost every class period, bring a calculator to class every day. Your phone is not a calculator! During quizzes and exams, you are not allowed to use phones or other calculators with your peers. You can use any type of calculator.

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**Guillermo A. Mena Marugán, Francesca
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