

PHY131H1F “Introduction to Physics I”

Suggested End of Chapter Items

- After Test 2

NOTE: The final exam will be *comprehensive*. It will cover all aspects of the course, with an even distribution of problems based on the work you have done throughout the fall semester.

All of these suggested end-of-chapter items are from “Essential University Physics” Volume 1 (3rd Edition) by Richard Wolfson, ©2016 by Pearson Education, Inc.

Many of the solutions to these suggested items can be found by trying the MasteringPhysics Practice assignments:

- Chapter 10-14 Practice (Not for Marks) due Dec. 4 – You don’t have to actually look at it by Dec. 4, but you probably should.

Sections 10.4, 10.5

For Thought and Discussion: 7

Exercises: 34, 35, 38, 39

Problems: 62, 68, 77

Chapter 11

For Thought and Discussion: 1, 2, 5, 8, 14

Exercises: 15, 21, 24, 25, 27, 30

Problems: 37, 40, 45

Passage Problems: 65, 66, 67, 68

Chapter 12

For Thought and Discussion: 4, 8

Exercises: 17, 18

Problems: 25, 32, 34, 37, 41, 42, 52

Chapter 13

For Thought and Discussion: 3, 9, 13

Exercises: 17, 22, 25, 29, 31, 34

Problems: 43, 52, 69, 71

Chapter 14

For Thought and Discussion: 3, 6, 8, 13

Exercises: 15, 19, 21, 24, 29, 38, 39, 41

Problems: 50, 51, 52, 62, 63, 64, 79