

COLLEGE PHYSICS I

PHY 111

TEXT: PHYSICS, CUTNELL & JOHNSON (7th Edition)

The assignments are from the 'PROBLEMS' section at the end of the chapter

STEPS ASSIGNMENTS

1 Study Chapter 1: Introduction and Mathematical Concepts

2 Work Problems: 1,5,9,11,19,23,25,27,33,59

3 Study Chapter 2: Kinematics in One Dimension

4 Work Problems: 1,3,9,15,21,25,27,37,41,45,53,65,67,75

5 Study Chapter 3: Kinematics in Two Dimensions

6 Work Problems: 1,5,9,17,21,29,33,37,43,59,65

7 Study Chapter 4: Forces and Newton's Laws

8 Work Problems: 5,7,9,13,17, 27,29,39,49,65,69,75,91,103

9 Study Chapter 5: Dynamics of Uniform Circular Motion

10 Work Problems: 1,5,9,11,17,25,27,33,47,55

11 Study Chapter 6: Work and Energy

12 Work Problems: 1,5,9,13,17,21,27,35,41,47,53,57,77,79

13 Study Chapter 7: Impulse and Momentum

14 Work Problems: 1,5,13,17,21,23,27,31,45,47,51,57

15 Study Chapter 8: Rotational Kinematics

16 Work Problems: 1,3,5,13,19,27,39,47,57,63

17 Study Chapter 9: Rotational Dynamics

18 Work Problems: 1,5,7,13,21,23,45,53,67

19 Study Chapter 10: Simple Harmonic Motion

20 Work Problems: 1,5,7,15,23,33,47,63

21 Study Chapter 11: Fluids

22 Work Problems: 1,5,9,17,27,43,55,59,63

23 Study Chapter 12: Temperature and Heat

24 Work Problems: 1,7,11,19,29,37,45,59,65,61

25 Study Chapter 14: The Ideal Gas Law and Kinetic Theory

26 Work Problems: 5,7,9,23,29,37,43,53

27 Study Chapter 15: Thermodynamics

28 Work Problems: 1,5,9,13,15,19,31,41