

# Engineering Physics I

## PHY 122

TEXT: *Physics for Scientists and Engineers*, Knight ( 4th Edition)

### STEPS ASSIGNMENTS

- 1 Study Chapter 1: Concepts of Motion
- 2 Work Problems: Do problems in ModifiedMastering Physics
- 3 Study Chapter 2: Kinematics in One Dimension
- 4 Work Problems: Do problems in ModifiedMastering Physics
- 5 Study Chapter 3: Vectors and Coordinate Systems
- 6 Work Problems: Do problems in ModifiedMastering Physics
- 7 Study Chapter 4: Kinematics in Two Dimensions
- 8 Work Problems: Do problems in ModifiedMastering Physics
- 9 Study Chapter 5: Force and Motion
- 10 Work Problems: Do problems in ModifiedMastering Physics
- 11 Study Chapter 6: Dynamics I: Motion Along a Line
- 12 Work Problems: Do problems in ModifiedMastering Physics
- 13 Study Chapter 7: Newton's Third Law
- 14 Work Problems: Do problems in ModifiedMastering Physics
- 15 Study Chapter 8: Dynamics II: Motion in a Plane
- 16 Work Problems: Do problems in ModifiedMastering Physics
- 17 Study Chapter 9: Work and Kinetic Energy
- 18 Work Problems: Do problems in ModifiedMastering Physics
- 19 Study Chapter 10: Interactions and Potential Energy
- 20 Work Problems: Do problems in ModifiedMastering Physics
- 21 Study Chapter 11: Impulse and Momentum
- 22 Work Problems: Do problems in ModifiedMastering Physics
- 23 Study Chapter 12: Rotation of a Rigid Body
- 24 Work Problems: Do problems in ModifiedMastering Physics
- 25 Study Chapter 13: Newton's Theory of Gravity
- 26 Work Problems: Do problems in ModifiedMastering Physics
- 27 Study Chapter 14: Fluids and Elasticity
- 28 Work Problems: Do problems in ModifiedMastering Physics
- 29 Study Chapter 15: Oscillations
- 30 Work Problems: Do problems in ModifiedMastering Physics
- 31 Study Chapter 18: A Macroscopic Description of Matter
- 32 Work Problems: Do problems in ModifiedMastering Physics
- 33 Study Chapter 19: Work, Heat, and the First Law of Thermodynamics
- 34 Work Problems: Do problems in ModifiedMastering Physics
- 35 Study Chapter 20: The Micro/Macro Connection
- 36 Work Problems: Do problems in ModifiedMastering Physics