

**EASTERN NAZARENE COLLEGE**

PY 201L General Physics I Laboratory

Fall 2008

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**Tell me and I'll forget;  
show me and I may remember;  
involve me and I will understand.  
- CHINESE PROVERB -**

**LABORATORY SCHEDULE:**

|             |  |
|-------------|--|
| Sept. 4- 5  | Introduction to Windows, Excel, Maple, and Data Studio |
| Sept. 11-12 | Motion: Displacement, Velocity, and Acceleration       |
| Sept. 18-19 | Constant Acceleration: Free Fall                       |
| Sept. 25-26 | Non-uniform Motion and Newton's Laws                   |
| Oct. 2- 3   | Projectile Motion                                      |
| Oct. 9-10   | Newton's Second Law and Friction                       |
| Oct. 16-17  | Work and Energy  |
| Oct. 23-24  | Collisions in One Dimension                            |
| Oct. 30-31  | Rotational Dynamics                                    |
| Nov. 6- 7   | Hook's Law and the Harmonic Oscillator                 |
| Nov. 13-14  | Standing Waves in an Air Column                        |
| Nov. 20-21  | Ideal Gas Laws   |
| Dec. 4- 5   | <i>make-up labs this week</i>                          |