

**The University of Alabama at Birmingham (UAB)**  
**Department of Physics**

PH 462/562 – Classical Mechanics II – Spring 2006

**Assignment # 4**      Due: **Thursday, Feb. 2**  
*(Turn in for credit!)*

1. Textbook Problems: **3.25, 3.26, 3.28, 3.29**
2. Explain why the orbit of planet Earth around the Sun is confined to a plane.
3. Read Chapter 6 in the textbook and write a 1-page summary including the key physical principles discussed.