

## PHYS 331 — Problem Set #1

**Relevant Reading:** Taylor Chapters 1, 2, & 3

**Reading Journal due via email by 8:00 a.m. Wednesday:** I am assuming that most of the assigned reading is review. Please let me know if I am correct; specifically,

- which sections, if any, have not been covered in previous classes, and
- which sections, if any, merit further discussion.

**Problems to be handed in Wednesday August 28:**

1. Taylor 1.24
2. Taylor 1.26
3. Taylor 1.43
4. **ML1** Determine the distance between the Bucknell observatory and the observatory on Mauna Kea in Hawaii
  - (a) along the surface of the earth, and
  - (b) along a direct straight-line path through the earth.