

NS540 Session 8 (At-home Session) – Checklist

Materials relevant to items 1 and 2 are posted at:

<http://physics.bu.edu/~duffy/NS540.html>

_____ 1. If you need to, read through the relevant sections from the Essential Physics book. If you print out the reading material from the web site, printing on a color printer is best.

_____ 2. Complete the worksheets under Session 8 at the web site above – these are to be handed in at the next session. We will talk about these worksheets at the on-line meeting on Monday (see item 5).

_____ 3. Work on Assignment 4 on WebAssign (it's due by Sunday Oct. 16th).

_____ 4. Read through these two articles from the Physics Education Research literature, posted on the wiki site, <http://itop.pbworks.com>

- Halloun, I. A. and Hestenes, D. (1985). Common sense concepts about motion. *Am. J. Phys.*, 53, 1056 – 1065.
- Clement, J. (1982). Students' preconceptions in introductory mechanics. *Am. J. Phys.*, 50, 66 – 71.

_____ 5. Attend our on-line meeting on Monday evening from 8:30-9:30 pm. Details will follow by e-mail, although we should use the usual link.

At this meeting, we will answer questions you may have about the assignments, and we also plan to go through a presentation on impulse and work, following along with the two worksheet pages.

If you have questions about the material, or you'd like to comment on any aspect of the process, please use the NS540 wiki site. The web address for our wiki site is: <http://itop.pbworks.com> -- look for the course link for our course.

We will try to monitor the wiki site and post replies in a timely manner. Please feel free to reply to other people's questions and comments, though.

You can e-mail Manher directly at manher@bu.edu

You can e-mail Andrew directly at aduffy@bu.edu