

NS540 Session 10 (At-home Session) – Checklist

Relevant materials 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 10 at the web site above – these are to be handed in at the next session. We may talk about these worksheets at the on-line meeting on Monday (see item 5). One of the worksheets relates to a Phet simulation, the Energy Skate Park - there is a link to that on the site above.

_____ 3. Work on Assignment 5 on WebAssign (it's due by Sunday Oct. 23rd).

_____ 4. Read at least one of the five articles from the Physics Education Research literature, posted on the wiki site, <http://itop.pbworks.com>

_____ 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 conservation of energy.

_____ 6. Work on your “class plan” project, which you will present at session 13. Here's the project description, copied from the syllabus:

Culminating Project (30%) – 10% presentation; 20% paper.

Culminating project: The culminating project should be a class plan to teach about an aspect of kinematics or dynamics. The plan should be informed by or include related conceptual history of physics material and be informed by the physics education research literature. Accompanying the class plan should be an essay which is in effect a guide for the instructor explaining how the conceptual history of physics relates to the class plan, and how the PER literature influenced the plan.

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

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