

NS540 Session 12 (At-home Session) – Checklist

____ 1. Work on your “class plan” project, which you will present at session 13. Everyone will have 15 minutes to do the presentation of their lesson plan(s). You will also need to prepare a short essay, which is essentially the teacher’s guide to accompany the class plan. This essay should be no more than 5 pages, double spaced, and it should consist of three distinct parts:

- Elaborate on the physics content addressed by your lesson plan, including background information and/or enrichment information that will help a teacher address questions that students may have.
- Discuss how any of the conceptual history of physics that we have covered in the course pertains to your class plan.
- Discuss how any of the physics education research articles that we have covered in the course pertain to your class plan.

There will be a place on the wiki site to upload your project materials to, so that everyone in the class has access to everyone else’s materials.

Note: if you want more time for items 2 and 3, you can hand these in at the first session of NS541. You have until then to post your essay on the wiki site.

____ 2. Complete the worksheets, on situations that combine momentum and energy, that is posted under session 12 at <http://physics.bu.edu/~duffy/NS540.html>. There is some reading material posted there, too.

____ 3. Do the take-home final exam, which covers the material that we have not tested you on previously.

____ 4. Attend our on-line meeting on Monday evening from 8:30-9:30 pm. 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 situations that mix both conservation of energy and conservation of momentum.

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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