

NS541 Session 12 (At-home Session) – Checklist

____ 1. Complete the take-home final. Note that there is some reading material posted under session 12 at <http://physics.bu.edu/~duffy/NS541.html>, which covers angular momentum and rotational kinetic energy.

____ 2. Complete Assignment 6 on WebAssign. (<http://www.webassign.net>)

____ 3. Complete your lesson plan project, which you will present at session 13. Everyone will have 10 - 15 minutes to do their presentation. 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. If you want to get access to any of the articles referred to in the review, let us know and we will see what we can do.

When your project is complete, please upload your project materials to the wiki site.

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 NS541 wiki site. The web address for our wiki site is: <http://itop.pbworks.com> . We will try to monitor the discussion board and post replies in a timely manner. Please feel free to reply to other people's questions and comments, though.

Teachers in the Boston group can e-mail Manher directly at manher@bu.edu

Teachers in the Chicopee group can e-mail Andrew directly at aduffy@bu.edu