

NS544 Session 6 (At-home Session) – Checklist

_____ 1. Complete the worksheets, on the Doppler effect, that are posted under session 6 at <http://physics.bu.edu/~duffy/NS544.html>. There is some reading material posted there, too, which covers the Doppler effect. There is also a PowerPoint there on the Doppler effect, which you should go through. This is posted as a PowerPoint file, not in PDF format, so that you get the full effect of the animations, which really help to illuminate the Doppler effect.

_____ 2. Complete Assignment 3 on WebAssign. (<http://www.webassign.net>)

_____ 3. Read the two education research articles for this week:

- Wittmann, M.C. (2002). The object coordination class applied to wavepulses: analyzing student reasoning in wave physics. In. *Int. J. of Sci. Ed.* (24) 1, 97 –118.
- Wittmann, M.C., Steinberg, R.N., and Redish, E.F (1999). Making sense of how students make sense of mechanical waves. *The Physics Teacher*. 37, 15 – 21.

We'll post the readings on the wiki site <http://itop.pbworks.com>

_____ 4. Attend our on-line meeting on Monday from 8:30-9:30 pm. We will use this link for the whole course:

<http://bu.na5.acrobat.com/ns544athome/>

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 NS544 wiki site. 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.

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