

NS545 Session 2 (At-home Session) – Checklist

- _____ 1. The worksheet this week is from the Phet site, and accompanies a Phet simulation called Faraday's Electromagnetic Lab. There is a link to the simulation, and another to the worksheet, under session 2 at <http://physics.bu.edu/~duffy/NS545.html>. There is some reading material posted there, too.
- _____ 2. Complete Assignment 1 on WebAssign. (<http://www.webassign.net>)
- _____ 3. Read the conceptual history reading for this week:
 - Toulmin, Stephen & Goodfield, June. 'The classical synthesis' (Chapter 11, Radiation and Fields of Force: 249 – 260). *The architecture of matter*. Chicago: University of Chicago Press, 1962.
 - Faraday, M., "Electromagnetic induction and" In Shamos (Ed.) *Great experiments in physics*. New York: Holt, Rinehart and Winston, 1959. Pages 128 – 146.
- _____ 4. There will be a set of questions on this week's conceptual history reading on the NS545 wiki site (<http://itop.pbworks.com>), that you should complete and post back onto the site.

If you have questions about the material, or you'd like to comment on any aspect of the process, feel free to start a discussion on the NS545 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.

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

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