

Homework Assignment #13, Final Talk and Abstract

This assignment consists of *two* parts. Be sure to submit both parts by the December 4 deadline.

Part 1: Prepare a 10-minute APS-style talk and accompanying slides that describe your senior thesis research project. Your presentation should include all the elements of a good scientific talk: (1) an introduction that explains the motivation for the project and provides sufficient background for the audience; (2) a description of the methods and procedures used in your project; (3) a discussion and analysis of the results of the project; and (4) the conclusions that can be drawn from your work. It should be written at a level that would be understandable to an upper-level undergraduate physics major.

On December 4, you will present your talk to, and be [evaluated](#) by, the rest of the class. Allow 8 min for your presentation and 2 min for questions after the talk (questions will not be allowed during the talk). Time limits will be strictly enforced, and you will be downgraded if you exceed your allotted time. While you may use notes during the talk, *practice* sufficiently so that you can speak naturally and comfortably.

→ **Be sure to discuss your talk with your research adviser and get his or her approval for the talk.**

You are strongly encouraged to meet with Professor DeMarco prior to your presentation to go over the physics and to email a next-to-final draft of your slides to Celia for editing prior to the deadline.

Part 2: Abstract. Write an abstract for your talk. Be sure to include all elements of an abstract and pitch it for advanced undergraduate physics majors. The purpose of a talk abstract should be to attract potential listeners. **DO NOT** merely reproduce one of the abstracts that you prepared for your thesis; the purpose for this abstract is different, and the topical coverage should be narrower. (You cannot cover all the points you are going to make in your thesis in one 10-min talk.) “Recycled” abstracts will earn 0 points.

Due: **Friday, December 4, 2:00 PM**. No late assignments will be accepted. This assignment is not eligible for rewrite points.

Total—250 points (100 points for the oral presentation, 100 points for the slides, 50 points for the abstract)

Notes/Questions to Ask: