

PHYS 251: Atomic Physics Lab

Due date: Monday, December 16, 2024 by 5 pm (Wednesday & Thursday sections)

## Special Project: Report Instructions

You can submit either an extended written report OR a video presentation report. Both the written report and video will be submitted via Gradescope.

### **Option 1: Extended written report**

This report follows the same format as the regular lab reports but has a target length of 5 pages (instead of 3 pages).

### **Option 2: Video presentation report**

*Duration:* 10-15 minutes (longer is acceptable, but not shorter).

*Content:* The video presentation covers all of the elements in the written report. The presentation should have 12-15 slides. The suggested format for the presentation is the following:

- Title slide (1)
- Objective (1)
- Background information and motivation (1-2)
- Experimental procedure (2-3)
- Results (3-6)
- Possible improvements (1)
- Conclusion/summary/outlook (1)