

## Guidelines for your Individual Oral Presentation

### ***Assignment***

Next week (October 12-16, 2009), you will give a 12-minute-long oral presentation on your Multiflash Lab. It will include an abbreviated description of the procedure used the lab exercise, a presentation of the results you obtained, a discussion of those results, and the recommendations you propose based on your lab work. The presentation must address the questions asked in the outgoing memo about the lab. You need not follow the order of the standard lab memo.

### ***Media***

You may use any of the following media, singly or in combination:

- PowerPoint (or other presentation software)
- Overhead Transparencies
- Paper
- Chalkboard
- Other (with prior approval)

We can provide a Windows-XP PC equipped with PowerPoint 2002, a web browser, and an Internet link. Or, we can provide a Mac (OS 10.5) with PowerPoint 2008. We will have a projector for your laptop. The projector uses a standard VGA cable—Mac users need to bring an adaptor!

*If you use a computer, bring two hard copies of your presentation.* Feel free to supplement your presentation with handouts, but bring *two* hard copies of the presentation itself.

### ***Content***

You must describe the method(s) your group used in conducting the experiment. This does not need to include the equipment list, nor does it need to have the same level of detail as the procedure in a lab memo. However, it should include a setup diagram and any helpful setup photos. It should be complete enough that we understand the general method you used to conduct the experiment, and should highlight any particularly important elements of the experiment.

Note, for the measurement of the BCPS of the multiflash, you may simply tell us that you used the method from the sample memo. You still need to tell us the distance of the photocell from the strobe and the load resistance you used, and you need to tell us your results (i.e.,  $V_{\text{PEAK}}$  and  $\Delta t_{1/3}$ ), all in addition to the BCPS value you calculated from those values.

You must include images you produced. You should simply hand us prints you have made instead of trying to scan prints (or negatives) into the computer. (You may do both, but *we must have the prints in hand.*)

Tell us the camera settings for all images you take (including film or digital still, and any video footage, including high-speed video). For your prints, tell us the enlarger and its settings too.

Any images you take from other sources *must be cited*.

### ***Structure***

The structure does not have to follow the structure set forth in the memo guidelines. Think about what ordering of the information best communicates your key technical points, and best answers the questions posed in my outgoing memo. Often, opening with a striking result can be effective.