

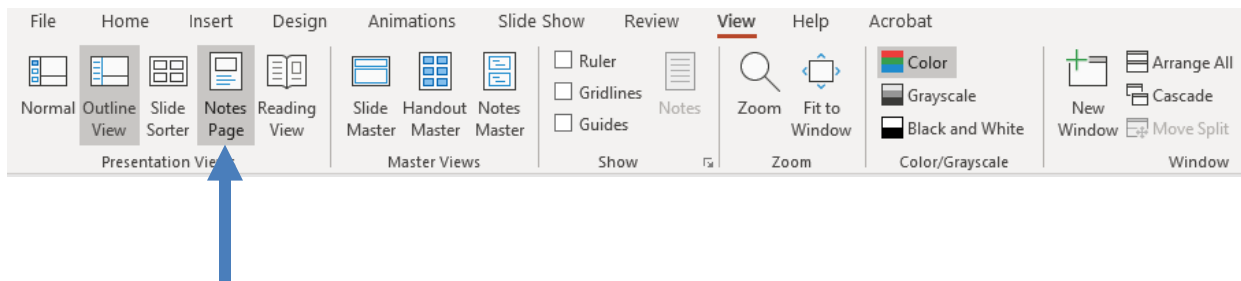
## Homework Assignment #8, Short Science Talk—Draft Slides

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This assignment is to prepare the “slides” for an individual short oral presentation. You may base your talk on the work that you did for Homework #5 and #6, on your own research, or on a topic of interest to you, but remember, your audience is people who have a general interest in science but no specialized knowledge in physics. Approach the talk from the standpoint of an extended television news story; consider the journalist’s questions of *who*, *what*, *when*, *where*, *why*, and *how*, but concentrate on only one or two main ideas. You cannot cover more than one or two main points in the time allotted. You may emphasize any part of the story you like—the concept, the underlying theory, experimental evidence, the history, the implications for future work.

Prepare five slides in PowerPoint\* or your choice of presentation software—a title slide to grab the audience’s attention, give your name and affiliation, and show any acknowledgments; an introductory slide that motivates your talk; two “content” slides that illustrate your main idea(s); and a summary slide that reiterates the important idea(s). You may use figures you obtain from other sources to illustrate your talk, but be sure to credit them properly.

In addition to creating your slides, use the “notes pages” feature in PowerPoint to organize what you’re going to say while you’re showing each slide.



**PLEASE** submit your slides on time, so I can get feedback to you in time for you to make necessary changes to your final version.

Due: **Friday, October 22, 9:00 p.m.** Upload your assignment to [my.physics](https://my.physics.illinois.edu). Assignments submitted after the deadline will have points deducted, and you may have inadequate time to make necessary changes, which will adversely affect your grade for HW #9, too. This assignment is not eligible for rewrite points.

Total—100 points; 50 points for the quality of your slides, and 50 points for the quality of your notes pages.

\*If you use something other than PowerPoint, make a PDF version of the slides so they can be shown on the AV equipment in Room 136. (For you MS haters, just get over it; about 90% of the AV setups you’ll find at conferences are for PPT files.)

If you do not have PPT on your computer, you can get a free copy from the university’s webstore (q.v. <https://webstore.illinois.edu/shop/product.aspx?zpid=2816>). The university also has free online training for PowerPoint (q.v. <https://webstore.illinois.edu/shop/product.aspx?zpid=3940> and <https://webstore.illinois.edu/shop/product.aspx?zpid=4157>).