

Assignments IX and X, PHYS 459 (Cloud and Precipitation Physics)
Fall 2019 Variable/Combination Due Dates (See below)

As discussed in class, we will be engaging in a sequence of paper discussions as part of class for the rest of the semester. In class on 10/22, you were assigned a paper and a presentation date. On your presentation date, you will be leading a discussion of the paper.

Homework 9 will be your grade on the discussion that you lead. (The rubric that I will use to evaluate the discussion is included below).

Homework 10 will be an aggregated score based on quizzes I give you prior to the discussion for each paper we will be working through. I suspect that HW 10 will count double, though I'm not certain about this yet. I am also not sure if I am going to have a quiz for every class, or sporadically, as we work through these papers. Whether HW10 counts as a single or double assignment likely will depend on how many quizzes we ultimately have. For now, I just advise you to do as well as possible on each quiz by coming to class having read the appropriate paper.

Rubric for Grading your guided presentation

- (i) Preparation (25%): Student clearly demonstrates sufficient familiarity with the basic structure of the paper. As discussion progresses, the discussion leader is able to reference back to specific plots, statements, results, etc. without having to extensively search back through the text – it is clear that the discussion leader is the expert in the room on the paper.
- (ii) Summary (25%): Student is able to give a coherent and complete synopsis of the paper to begin the discussion.
- (iii) Discussion management (30%): Student is able to foster an adequate and beneficial discussion. Student doesn't monopolize the discussion, but also doesn't rely on audience for moving the discussion forward. When discussion seems to have stalled, student is able to ask specific targeted questions to classmates to move the discussion forward.
- (iv) Accuracy (20%): Student presents an accurate account of the content of the paper; the student doesn't misrepresent the author's thoughts or the results found the paper.
- (v) Impress Dr. Larsen (Up to an additional 15%): "Impress me". This category is just a catch-all for professionalism and going above-and-beyond in some way. If, say, you read some of the cited literature to give a meaningful comment on the implications of this paper, or recreated some of the analysis, or did something else to show that you are engaging with this content above and beyond what is normally expected, you could earn up to an extra 15% on this assignment.