

162 Oral Presentation Rubric (Write your own first draft, then use AI to improve your draft if desired.)

Note: if a prep day is provided, missing the prep day will incur a significant reduction of score at least 10 points.

You should come into the prep day with a rough draft of your talk already made.

The entire point of a prep day is to give students the opportunity to ask any and all questions on the talks.

If you haven't tried to make a complete talk, you will have no clue what questions to ask.

Ideally, you should time the presentation of your rough draft so you have a clue how close you are to time limits.

If you come to the prep day without a draft presentation, do not expect me to hold extra office hours or send extra emails to help you.

Slide Design and Formatting While not a complete list, below I mention several important things to check in your slides. <ul style="list-style-type: none">• Slides numbered• Font size (18 point or larger)• Font color (high contrast color scheme)• Appropriate use of italics, equations editor• Proper attribution of images: when using images from another source, cite them & verify font size <i>in the image</i> meets the 18 point minimum! Exception: You may cite images in 14 point font. To cite a web image, include a link to the resource on the same slide as the image.• Consistent use of symbols/notation/units throughout talk• Most slides should include a large image or two with almost no text used.• Title slide with cool image, your names, & the date• Goal slide (tells us what you are going to say)• Final summary slide (tell us what you said)	10 points
Technical Content Strive to make your explanations clear, concise, and complete . Tell a good story that makes sense to non-physics majors. Your explanations and visuals should make sense to your peers in the class. Assume no one has any prior knowledge of your topic. While telling your story, ensure you also correctly explain the science/math involved. Ensure all aspects of visuals are easily visible from the back of the room. Any use of simulations or videos must be approved in advance (during the prep day). <i>Avoid giving a talk prepared solely by AI.</i> Do some work yourself, then let AI help you.	20 points
Presentation Skills While not a complete list, below I mention several important things. Missing time limits is a huge deduction. <ul style="list-style-type: none">• 7-8 minutes for 2 people• 9-10 minutes for 3 people Talk is obviously well-practiced. Partners speak for equal amounts of time. Audible from the back of the classroom. Looking at the audience, not just the instructor. Slide animations are used to control the flow of information to the audience. Animations add clarity (not distraction).	10 points
Miscellaneous These points can be used to increase deductions for egregious deficiencies in any of the other categories. For example, if your formatting is particularly terrible, I reserve the right to take off more than 10 points. <i>If your talk is obviously AI slop, expect more than a 10-point deduction.</i>	10 points