

CSC 450, Lab Meetings

Research Presentation Rubric, Lab Meeting #2

Lab meetings are forums where researchers present and discuss their work, gaining feedback on how to improve their work and overcome any obstacles that they face.

For the audience, the purpose of the lab meeting is to learn about ongoing research projects, and to stay up-to-date with questions being asked and methods and tools that are being developed; for the presenters, the lab meeting is a chance to make sure that their projects are on track, that the research problem has maximum impact, and that the methodology is sound. In these lab meetings, each presenter will ask questions so that their project will be improved. For example, a presenter might ask, *what is the best way to run quicksort in Java?* For these reasons, lab meetings should be relatively informal and should involve lots of discussion. In this lab meeting, your presentation will include the following (rubric is on the next page):

1. A description of your objective or the question you are trying to answer.
2. The methodology that you have implemented and preliminary results, if any.
3. The methodology for what else still needs to be done.
4. Questions for the audience related to your project.

Presenters must submit their Lab Meeting presentations through Blackboard prior to the beginning of class. Failure to do this will result in a deduction of 10 points. Lab meeting presentations will be evaluated using the rubric below.

In addition, after your presentation we will continue to discuss our research projects on Piazza. ***Before your presentation, one presenter from the group must post a "question" that includes their project and group member names, and then ask for questions and comments.*** Each person will then be expected to ask questions or comment on a certain number of presentations. Details will be given in class.

Note: Individuals conducting surveys will not give this Lab Meeting, but will use their Lab Meeting time to conduct their survey during the class. The online Human Subjects training must be completed before this time. For these individuals, I will provide more information in person regarding how to proceed.

Table 1. Lab Meeting #2 Rubric

Component	Points	Poor (D-F range)	Average (C range)	Excellent (A range)
Research Project (1 slide)	25	Your objective or hypotheses are not stated.	Your objective or hypothesis are stated, but are not explained clearly	Your objective or hypothesis is clearly stated (background should not be given)
Current Work* (2-3 slides)	25	No work has been completed or is described.	Work completed is not described clearly. For example, the methods used are not clear.	Work completed is clearly described, including methods implemented and results obtained.
Next Steps (1-2 slides)	25	Work to be completed is not described.	Work to be completed is not described clearly.	Work that still needs to be done is clearly described, including any methodology that remains to be implemented (What else are you going to do?)
Questions (1 slide)	25	No questions are asked.	Only 1 question is asked or questions are not relevant to the research project.	At least 2 relevant questions are asked of the class regarding ways to improve and/or complete your project.

*Not all work will be completed, but you need to explain what you have done so far.