

## CSC 450, Lab Meetings

### Research Presentation Rubric

Lab meetings are forums where researchers present and discuss their work, gaining feedback on how to improve their work and overcome any barriers 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. A presenter should use the opportunity to provide background about the research project (we will not do this as it has already been done), and 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, you will present the work you have already done, describe what still needs to be done, and ask questions that will help you complete your project. Your presentation will include

1. A description of your research project that includes (1) the question or objective of the project; (2) the methodology that you have implemented and preliminary results, and the methodology for what else still needs to be done.
2. Questions for the audience related to your project

**Presenters must submit their Lab Meeting presentations through Blackboard prior to the beginning of class.** 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 for a week from when the presentation is given. ***Before your presentation, the presenter must post a "question" stating their name(s) and project, and then ask for questions and comments. Classmates must post a question or comment on at least 5 presentations. The presenters will then have 1 week to respond to questions and comments.***

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	<b>Your objective or hypothesis is clearly stated (background should not be given)</b>
Current Work* (2-3 slides)	25	No work has been completed or is been described.	Work completed is not described clearly. For example, the methods used are not clear.	<b>Work completed is clearly described, including methods implemented and results obtained.</b>
Next Steps (1-2 slides)	25	Work to be completed is not described.	Work to be completed is not described clearly.	<b>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?)</b>
Questions (1 slide)	25	No questions are asked.	Only 1 question is asked or questions are not completely relevant.	<b>At least 2 relevant questions are asked of the class regarding ways to improve and/or complete your project.</b>

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