

CSC 450, Senior Seminar, Spring 2025
Research Presentation Rubric

Your *research* presentation must describe an investigation that is centered around a specific hypothesis that you tested or an objective that you met by designing a method or model, collecting and analyzing data, and drawing conclusions using an appropriate and reproducible methodology. Your presentation must meet the standards of a scientific presentation and will be evaluated using the rubric below.

You must submit this assignment through Blackboard prior to the beginning of class on your Lab Meeting to receive full credit.

Presentation Discussion: We will use Piazza to discuss presentations outside of class. Participation requirements will be given at a later date. Your instructor will start a thread for each presentation, so presenters do not need to worry about this,

Final Presentation Rubric

Grade: 0%

Comments:

Title page (1 slide) / 5 points

- Contains a title of your project, the presenter's name(s), and the date of the presentation

Introduction (1-3 slides) / 10 points

- Background relevant to the project is clearly described
- The significance (importance) of your project is clearly stated
- The objective or hypothesis is clearly stated

Materials and Methods (1 – 3 slides) / 10 points

- The methodology used to carry out the project is described.
- If the project includes developing a model or program, the model (results) can be presented first (before presenting implementation details).
- References to previously used methods are included, if applicable.
- A link to your Github page is included

Results (3+ slides) / 20 points

- A clear, unbiased presentation of the results.
- A total of at least three graphs or tables are clearly explained, with trends or specific results highlighted.
- The results must support your objective

Summary / Conclusion (1-2 slides) / 10 points

- The major contributions, findings, and significance of the work are accurately summarized.
- Limitations and possible extensions and future work are discussed.

Format and Organization / 45 points

- The focus of almost every slide is a figure or a table, and these are properly cited, if applicable.
- The majority of slides have a title and text is properly organized and readable (i.e., there is not too much text on one slide; text is not too small)

Additional Requirements

- Oral presentation: The presentation is delivered smoothly and in the allotted time (10-12 minutes) [up to 10 point deduction if not met]
- Citations: Relevant references are appropriately cited in the presentation, including for figures, using an appropriate format. A bibliography is not necessary but could be included. [up to 10 point deduction if not met]
- Grammar and style: The presentation contains very few, if any, spelling or grammatical mistakes. [up to 10 point deduction if not met]
- A link to your Github page is provided [up to 10 point deduction if not met]
- Members contribute roughly equally to the spoken presentation [up to 20 point deduction for group members that do not contribute]