

**CSC 450, Senior Seminar, Fall 2018**  
**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 by the deadline on the due date to receive credit.**

**Note about grading:** Your overall grade will generally be determined using the point system (see rubric on next page), with the following exceptions: Your grade will be reduced if the final three categories (Oral Presentation, Citations, Grammar and Style, Group Presentation) are not *Excellent*.

**Piazza discussion:** After each presentation we will use Piazza for additional discussion, and so you may provide feedback on each other's presentations. For a participation grade, you are asked to leave feedback for around 4 presentations, which your instructor will assign to you at a later date. Appropriate feedback consists of at least one of the following: specific compliments on what the presenters did well, constructive comments on how the presentation could have been improved, and questions regarding the presentation topic. You are encouraged to leave feedback and ask questions of more students, but your participation grade will be based on your feedback for the students assigned to you.

Component	Points	Poor (D-F range)	Average (C range)	Excellent (A range)
Introduction (1-3 slides)	10	There is no introduction or all components are incomplete.	The description is not clear or one of the components (background, significance, objective/hypothesis) is missing.	A clear and concise description of the significance and background relevant to the investigation. The objective or hypothesis is clearly stated.
Materials and Methods (1-2 slides)	10	Section is missing or extremely inadequate.	The methodology is not clear.	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 implementation details). References to previously used methods are included, if applicable.
Results (2-3 slides)	20	Section is missing, or incomplete.	The results are not explained clearly	An unbiased presentation of the results. A total of at least three graphs or tables are included, clearly explained and trends or specific results highlighted.
Summary / Conclusion (1-2 slide)	10	More than two components are missing	One of the components (significance, future work) is missing or is not adequate.	The major contributions and findings of the work are accurately summarized. Limitations, and possible extensions and future work are discussed.
Format and Organization	50	Few or no slides contain pictures or tables.	Only about ½ of the slides contain pictures or tables; or text is not readable (e.g., the text is too crowded)	The presentation begins with a title slide that includes the author(s) and the date of the presentation. The focus of almost every slide is a picture 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)
Oral presentation	-	The presentation is far too short (<5 minutes) or clearly too long.	The presentation is too short or too long, but only by 1-2 minutes; the presentation is not delivered smoothly and clearly has not been rehearsed.	The presentation is delivered smoothly and in the allotted time (10-12 minutes)
Citations	-	References are not cited in the text	References are provided but not in a sensible format.	Relevant references are appropriately cited in the presentation, using an appropriate format. A bibliography is not necessary but could be included.
Grammar and Style	-	Many spelling and grammatical mistakes seriously detracts from the ability to understand the slides.	The paper contains a fair number of spelling or grammatical mistakes that detracts from the ability to understand the slides.	The presentation contains very few, if any, spelling or grammatical mistakes.
Group Presentation	-	A member presents < 40% of the material	-	Members contribute roughly equally to the spoken presentation