

Criteria	Achievement Level					
	Absent (0%)	Insufficient (65%)	Satisfactory (75%)	Good (85%)	Excellent (95%)	Outstanding (100%)
Mathematical Content (20% Weighting)	0 percent Little to no calculations; no techniques from class used.	13 percent Calculations present but are incorrect or confusing.	15 percent Appropriate calculations are present.	17 percent Calculations are present, appropriate, and explained	19 percent Calculations are *well* explained, appropriate and suitable.	20 percent Calculations are thorough, appropriate, suitable, and contain mathematical techniques not used in order to further analysis.
Introductory Remarks (20% Weighting)	0 percent No clear introduction was present.	13 percent Introduction is unclear; abstract is absent or difficult to parse	15 percent There is an introduction clearly stating the problem.	17 percent Contains useful abstract, a clear introduction, and a statement to the problem.	19 percent Contains useful abstract; clearly states problem; justifies importance of problem well.	20 percent Useful abstract, clear statement of the problem, and a well-expressed justification of the problem with summary of outside (relevant literature)
Concluding Remarks (20% Weighting)	0 percent No clear conclusion was present.	13 percent The conclusion was muddled and difficult to follow.	15 percent Conclusion provides a summary of the proposed solution	17 percent conclusion ties together techniques covered in the paper; provides a solution;	19 percent conclusion ties together techniques covered in the paper; provides a solution; briefly addresses possible counter arguments	20 percent conclusion ties together techniques covered in the paper; provides a solution; briefly addresses possible counter arguments; poses questions or proposes avenues of further study
Organization and Writing (20% Weighting)	0 percent unreadable, inappropriate, insufficient citations	13 percent Unclear, disrespectful, disorganized, unedited, many typos, insufficient citations	15 percent Open and respectful tone; has citations; general idea is clear.	17 percent Thoughtfully and respectfully composed, well edited and organized. All material is appropriately cited.	19 percent Clearly articulated; easy to read; mathematics, visuals and text well integrated; citations follow a consistent, standard format.	20 percent Text is free of errors, well written, well cited; format integrates math, text, and visuals; citations are high quality.
Visuals (20% Weighting)	0 percent No visuals were used	13 percent Visuals were incorrect or confusing	15 percent All visuals used are clear. Outside visuals have references in caption.	17 percent Visuals are clear and facilitate the reader's understanding. Outside visuals have references in caption.	19 percent Visuals are clear and in color, facilitate understanding, and tie in well with the material. Outside visuals have references in caption.	20 percent Visuals are detailed and of exceptional quality. Outside visuals are fully referenced.