

**Math 229, Spring 2024**  
**Rubric for Projects**

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	<b>Unsatisfactory</b>	<b>Satisfactory</b>	<b>Exemplary</b>
<b>Technical Content</b>			
Definitions & assumptions	some definitions and/or assumptions are unclear or not stated	all key assumptions and definitions are stated	all are clearly and precisely articulated
Models	model is unclear, not accurate given assumptions, or unjustified	model is stated and justified	model is appropriate for the task, clearly described, and carefully justified
Solutions & Results	results are unclear or incorrect; method is unclear or not suitable for the problem	all results are presented with enough detail to understand	results are presented clearly and accurately; all detail necessary to arrive at or replicate is given
Analysis	little or no discussion of the success or failure of the model; meaning of the results is unclear	benefits of the model are analyzed; meaning of results for the original problem are carefully discussed	benefits and potential weaknesses of the model carefully discussed; thorough discussion of results and their implications
Extensions	project does not go beyond the most basic form of the model	some possible extensions of the model are mentioned	possible extensions are mentioned and investigated
Creativity	n/a	n/a	project shows real initiative and/or a clever and creative approach to the problem is taken

	<b>Unsatisfactory</b>	<b>Satisfactory</b>	<b>Exemplary</b>
<b>Written Presentation</b>			
Intro/Summary	no summary, or summary is too technical	sufficient summary; can be understood with some difficulty	summary is clear, easy to read, and at an appropriate level
Organization	presentation is disorganized and hard to follow	organization is present though may be difficult for the reader to understand	presentation is carefully and clearly organized; reader can easily follow
Argument/Evidence	At least one major claim is not accurate; evidence does not support claims	all arguments are accurate and sufficiently justified	all arguments are clear and well-supported by evidence; all claims made are justified with clarity and precision
Style	style is either too informal or too formal and technical; hard to read	style is appropriate for a student paper	appropriate for an academic journal; engagingly written
Mechanics	grammar, spelling punctuation, formatting are poor	a few minor errors	writing is error-free, clear, and enjoyable to read
Citations	sources are not cited or citations are unclear	all sources are cited in the style of your field; proper attribution given for all sources	n/a