

SYE: Games Final Paper

Element	3 - Exemplary	2 - Fair	1 - Needs Work	0 - Unacceptable	Score	Weight	Total
Abstract		Clearly states topic to be discussed; summarizes main results; gives good idea what to expect from the paper	States topic; insufficient summary; some idea what to expect from paper	Topic not stated or main points not summarized; can't tell what paper is about from abstract		1x	
Introduction	Provides background research into the topic; summarizes important findings; justifies the significance of the problem to an audience of peer math majors who haven't taken a course in the topic; makes the topic seem interesting	Provides background research into the topic; describes the problem to be solved; at least attempts to explain significance to appropriate audience	Provides background research into the topic but does not describe the problem to be solved; insufficient or nonexistent explanation of details to non-specialists	No background presented and/or little to no summary		2x	
Content	Provides a good overview of the topic; hits all of the most important points; provides good intuition; provides clear value beyond what could easily have been gathered from reading a single source; provides strong motivation for mathematics presented	Provides decent overview; hits most of the important topics; provides good intuition; provides some value beyond what could easily have been gathered from reading a single source; provides some motivation for the math	Provides mediocre or poor overview; provides little intuition; does not provide much value beyond what could easily have been gathered from reading a single other source	Provides little to no overview; provides little to no intuition; provides no extra value beyond what could easily have been gathered from a single other source		3x	

Element	3 - Exemplary	2 - Fair	1 - Needs Work	0 - Unacceptable	Score	Weight	Total
Organization	Structure of paper clear and logical; paragraphs coherent; sections and paragraphs connected with highly effective transitions	Structure of paper generally clear and logical; paragraphs generally coherent; sections and paragraphs usually connected with adequate transitions	Structure of paper shows some sense of organization; paragraphs periodically coherent; some transitions	Structure of paper unclear or nonexistent; paragraphs unstructured; connections between ideas lacking		2x	
Audience	Paper written at a level appropriate for an audience of peer math majors	Paper mostly appropriate for peers; occasional lapses	Some (but not most) parts of the paper written at a level appropriate for peers but the paper would either be mostly too high/low level for peers	Paper generally written at a level inappropriate for peers		2x	
Math	Completely correct presentation of mathematics at a sufficiently advanced level; theorems accompanied by correct proofs; excellent choices of examples	Mostly correct math at a sufficiently advanced level; appropriate examples; most theorems accompanied by mostly correct proofs	Generally correct math; few examples; some (but not most) theorems accompanied by mostly correct proofs	Incorrect math presented; no/very few examples; no/very few theorems accompanied by proofs		3x	
Language	Uses mathematical language correctly and effectively; perfect grammar and spelling	Mostly good use of mathematical language; few grammatical/spelling errors	Significant problems with the use of mathematical language, grammar, and/or spelling	Serious issues with mathematical language, grammar, spelling		2x	

Element	3 - Exemplary	2 - Fair	1 - Needs Work	0 - Unacceptable	Score	Weight	Total
Conclusion	Summarizes results & motivation well; presents clear recommendations/implications for future research	Some summary of results; some summary of motivation; no directions for future research	Limited summary; no directions for future research	No summary or directions for future research		1x	
Citations	All in-line citations exist where necessary; bibliography section contains all sources used in consistent style	Missing some in-line citations; bibliography section contains all sources used in consistent style	Missing most or all in-line citations; some sources missing from or improperly cited in bibliography	Serious issues with citations and bibliography		1x	
Timeliness		Paper submitted on time	Paper submitted within 72 hours of deadline	Paper not submitted within 72 hours of deadline		1x	
Paper total							/50
Draft 1 score	(Due 3/30)					1x	
Draft 2 score	(Due 4/27)					1x	
Drafts total							/100
Final paper score	(Due 4/12)						/50

Here's how I'll compute your total score for the final project. Let D =Drafts total, let P =Presentation grade (as a percentage), and let F =Final paper grade (as a percentage). Then

$$\text{Final project grade} = \frac{1}{8}D + \frac{3}{8}F + \frac{1}{2}P$$