

“THE GAME OF PIG” PORTFOLIO

1. Cover Letter Introduction (22pts)	Max Score	Score
a. Identify and describe the unit’s central problem	4	
b. Identify and describe mathematical ideas addressed in the unit	6	
c. Describe how the key ideas were developed	6	
d. Describe how the key ideas were used to solve the central problem	6	
2. Explanation for Selected Papers (24 pts)		
a. Describe how your selected paper used a “simulation or experiment” to determine probability values (HW 28)	4	
b. Describe how your selected paper used “theoretical analysis” to determine probability values (HW 28)	4	
c. Describe how you used ideas about probability and strategy in POW 7: “Make a Game”	4	
d. Describe how the key activities were important in developing the key idea of the unit	4	
e. Describe why you selected a second POW to include in your portfolio	4	
f. Describe other quality work that represents your “best efforts”	4	
3. SELECTED PAPERS FROM PIG (32 pts)		
a. Homework #27: The Pig and I	4	
b. Homework#28: Beginning Portfolio Selection	4	
c. Selected paper on determining probability values from “simulations or experiments”	4	
d. Selected paper on determining probability values from “theoretical analysis”	4	
e. POW 7: Make a Game	4	
f. Selected papers for “Other Key Activities”	4	
g. A selected POW	4	
h. Selected paper(s) of “Other Quality Work”	4	
4. PERSONAL GROWTH DISCUSSION (18 pts)		
a. Describe how do you feel you progressed in working with others	2	
b. Describe how do you feel you progressed in presenting to the class	2	
c. Describe how do you feel you progressed in orally describing your thought process	2	
d. Describe how do you feel you progressed in writing about your thought process	2	
e. Explain what you need to work on, and why	4	
f. Describe how will you work on the topics you feel you need to work on	2	
g. Describe how you think the ideas in this unit might affect your own behavior in situations that involve probability	2	
h. Describe any other thoughts about your experience you want to share	2	
SELF-ASSESSMENT OF PORTFOLIO (4 pts)		

Grade and Justify your work using a self-assessment scoring rubric 4	4	
TOTAL SCORE		

COMMENTS: