

Engin 103
 Fall '06
 Meeting #20: Nov. 9, 2006

Project 2 Day 2 presentations:
 Predictability grade based on:

Project 2: Predictability of a System using Data Modeling

Team # _____
 Members present _____

Model used: (circle one) linear quadratic cubic other: explain

Parameters obtained with Excel :

s-parameter: _____

Audience requests and predictions and measurements

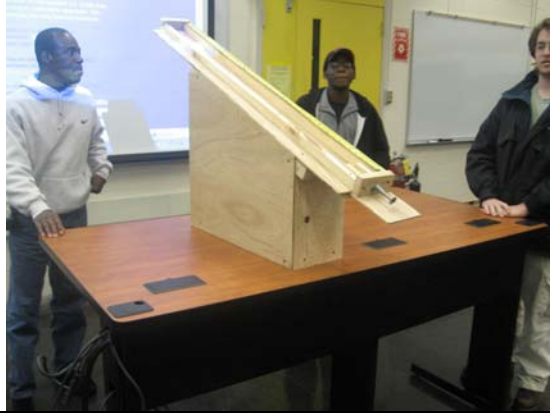
	Requested X	Y' from spreadsheet	Y measured	$(Y' - Y)^2$
1				
2				
3				
average				

Team 2 	Trebuchet Presented
Team 3	Pendulum



System not available, will present 11/14

Team 4



Throw-ball machine
Presented

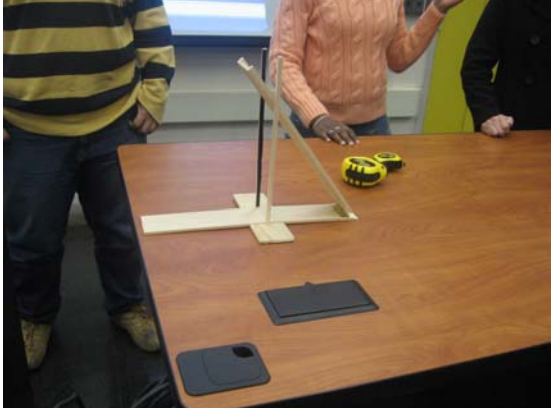
Team 5



Matchbox car and track
Presented

Team 6

Ramp
Presented

	
Team 7 	Car on ramp Presented
Team 8 	Car on adjustable ramp; Will present 11/14
Team 9	Pendulum in frame Will present 11/14
Team 10	Will present 11/14

Suggested items to write in the Engin 103 logbook:

1) Indicate what was the average deviation in the blue background box of the table above for your team. What model did you use, what are the parameters for the model, what was the s-parameter for that model?

2) Did you expect a better (smaller) deviation? Explain all possible sources of errors.