Lab 3 Rubric

Names: _____ , _____

CM: _____

Out of	Description	Score
20	Plot of how the pendulum's average swing time varies with the circular weight's location along the rod for your experimental data and your numerical simulation results from Lab 2	
5	Completed Table W1 (comparison of numerical, analytical, and experimental optimal location values)	
5	Discussion comparing the numerical, analytical, and experimental optimal location values	
5	Discussion of the similarities and differences between the plotted experimental data and numerical simulation results for the average swing time as a function of the circular weight location	
5	Discussion of potential sources of discrepancies in the results	
10	Signed and dated printout of your Excel data sheet	
5	Copy of your MATLAB m-file used to plot the experimental data and numerical simulation results in the same figure	
55	**Total**	