

# Frequency Response Worksheet

Return to CM: \_\_\_\_\_

ES205 Analysis and Design of Engineering Systems  
Rose-Hulman Institute of Technology

To: \_\_\_\_\_

From: \_\_\_\_\_

Date: \_\_\_\_\_

Table 1 – Frequency Response Data

Freq. (Hz)	File name	Input mag. (unknown units)	Cart 1 steady state mag. (cm)	Cart 2 steady state mag. (cm)	H1 = Out1/In	H1 in dB	H2 = Out2/in	H2 in dB
1								
1.5								
2								
2.5								
3								
3.5								
4								
4.5								
5								
5.5								
6								
6.5								
7								
7.5								

Comment on your results and record observations made during the swept sin test (attach additional pages if desired).

Attach the five figures discussed in the assignment.