

CE 8060: Structural Dynamics Project Report Grading Rubric

Group: _____

Evaluation Category	Points	Comments
<i>Introduction of research project</i>	/10	
<i>Explanation of experimental test</i>	/10	Type of dynamic testing chosen Description of the portal frame model Can the explanation help in replication of experiment? Pros and cons of the setup;
<i>Development of numerical model</i>	/10	All assumptions stated? Pros and cons of the numerical method?
<i>Comparison of the experimental measurements with model predictions</i>	/20	Time domain comparison Frequency domain comparison How is the model prediction matched with experimental results?
<i>Parameter calibration</i>	/15	Sensitivity analysis How did the calibration process improve the agreement?
<i>Uncertainty analysis</i>	/15	What could be the source of the uncertainty?
<i>Summary of results</i>	/10	Good visibility and information content of figures. All relevant results discussed with figures?
<i>Quality of Figures</i>	/5	
<i>Writing Mechanics (spelling/grammar)</i>	/5	
Total	/100	
<i>MDOF bonus points</i>	/30	Mode shape comparison

Additional Comments:
