

ENGR 4580 Final Design Review Grading Rubric

10 = excellent, 9-8 = good, 7 = decent, 6-5 = subpar, 4-1 = unacceptable, 0 = absent

Team name:	
Member names:	
Project Overview	
<ul style="list-style-type: none"> - Defined and understand problem - Defined design requirements - Have a clear plan for next semester - Showed anticipated timeline 	_____/10
Design	
<ul style="list-style-type: none"> - Explained and justified full system design - Showed diagrams, photos, and full CAD - Chose appropriate parts and materials - Design makes sense and meets customer requirements 	_____/10
Build	
<ul style="list-style-type: none"> - Prototyped appropriately for project (systems and complexity) - Build is sturdy enough for testing - Material choices and fabrication techniques are appropriate 	_____/10
Test and Analysis	
<ul style="list-style-type: none"> - Completed advanced kinematic, dynamic, or fluid mechanics analysis - Tested applicable design requirements - Analyzed test results accurately - Compared actual to theoretical results where appropriate - Labeled plots and units correctly 	_____/10
Conduct	
<ul style="list-style-type: none"> - Eye contact - Verbal volume and pronunciation - Nervous fidgeting avoided - Punctuality - Answered questions knowledgeably 	_____/10
Presentation Grade	
_____/50	
Demonstration	
<ul style="list-style-type: none"> - Demonstrated fully working systems live - Showed video backup if applicable (must be pre-approved) - Prototype works 	_____/10

Comments: