

Engineering - Project Rubric

Category	Excellent Work (5 pts)	Very Good (4 pts)	Getting There (3 pts)	Needs Work (2 pts)
Growth & Work Habits	Student has shown a lot of growth and improvement since earlier projects. A lot of effort is evident.	Student has shown growth and improvement since earlier projects. Effort is evident.	Student has shown some growth and improvement since earlier projects. Some effort is evident.	Student has shown little growth and improvement since earlier projects. Not a lot of effort is evident.
	Student is attentive and participatory throughout the entire design process.	Student is mostly attentive and participatory throughout the entire design process.	Student is somewhat attentive and participatory throughout the entire design process.	Student is not attentive and participatory throughout the entire design process.
Solutions	Student takes many risks and challenges him or herself to create unique design solutions.	Student takes risks and challenges him or herself to create unique design solutions.	Student takes some risks and challenges him or herself to create unique design solutions.	Student does not take any risks and does not challenge him or herself to create unique design solutions.
	Student develops many design solutions that are innovative. Considers several alternative solutions.	Student develops multiple design solutions that are innovative. Considers some alternative solutions	Student develops some design solutions that are innovative. Considers only one solution.	Student develops only one design solution that need work. Considers only one solution.
Knowledge	Excellent at independently, and/or collaboratively, worked through problems and challenges as they arose.	Very good at independently, and/or collaboratively, worked through problems and challenges as they arose.	Has some difficulty independently, and/or collaboratively, working through problems and challenges as they arose.	Needs to improve on working through problems and challenges independently and/or collaboratively.
Design	All project specifications were met during the design process.	Most project specifications were met during the design process.	Some project specifications were met during the design process.	Very few project specifications were met during the design process.
	Student can describe and defend chosen design solution. Redesigns are considered.	Student can mostly describe and defend chosen design solution. Redesigns are considered.	Student can somewhat describe and defend chosen design solution. Some redesigns are considered.	Student cannot describe and defend chosen design solution. Redesigns are not considered.
Fulfills Assignment	Student followed directions accurately and completely.	Student mostly followed directions accurately and completely.	Student somewhat followed directions accurately and completely.	Student did not follow directions accurately and completely.
	All work is submitted in a professional and timely manner.	All work is submitted one day late.	All work is submitted two days late.	All work is submitted three or more days late.
Total				

Final Grade & Comments: