

Education Level:
Higher Education

Subject Area(s):
Engineering

Time required:
10 hrs+

Adobe Skill Level:
Beginner - Intermediate



Create a 3-minute Project Pitch

Rubric

	High Distinction	Distinction	Credit	Pass	Unsatisfactory
Adobe Express page Introduction of group members (5%): <ol style="list-style-type: none">1. Brief introduction of each group member2. Include a photo of you and your bridge Description of bridge build (10%): <ol style="list-style-type: none">3. Description of:	All requirements are addressed excellently and explained clearly	At least 4 out of 5 requirements are fulfilled and explained clearly	At least 3 out of 5 requirements are fulfilled	Only 2 out of 5 requirements are fulfilled	No submission/less than 2 requirements fulfilled

<ul style="list-style-type: none"> • materials used • span • weight of bridge <p>Design of page (10%):</p> <ol style="list-style-type: none"> 4. Aesthetically pleasing and easy to follow 5. Use of 3 or more layout options 					
<p>Video Editing with Adobe Premiere Rush</p> <p>A clear 3-minute video presentation describing:</p> <ol style="list-style-type: none"> 1. DIY bridge, 2. Materials used 3. Process of building 4. Clear demonstration of weight of bridge, span and load capacity, 5. Reflection at the end of the video. <p>Video Production Guidelines:</p> <ol style="list-style-type: none"> 6. Title page 7. Text 8. Graphics 9. Transition effects 10. Time lapse of building process 	<p>All requirements are addressed excellently and explained clearly</p>	<p>Exceeded max time limit within 15s</p> <p>10 out of 11 requirements fulfilled and explained clearly</p>	<p>Exceeded max time limit >15s, <1 min</p> <p>8 out of 11 requirements fulfilled and explained clearly</p>	<p>Exceeded time limit >1min</p> <p>6 out of 11 requirements fulfilled and explained clearly</p>	<p>No submission/ less than 6 requirements fulfilled</p>

<p>Video embedded in Creative Express page</p> <p>Marks will be deducted if clear span, weight of bridge and load capacity are not demonstrated clearly</p>					
<p>Effort and Creativity in design of bridge</p> <p>Creativity and effort in the building of the bridge</p> <p>Minimum CLEAR span of 600mm</p> <p>(bridge must sustain load of 10kg for minimum of 10s)</p> <p>Demonstration of efficiency of the bridge – weight of bridge to carry 10kg load</p>	<p>Exceptionally creative and unique bridge build. Great engineering! Excellent pushing load limits for materials of choice.</p>	<p>Thoughtfully and creatively presented. Pushing limits for materials of choice. Good understanding of the design and build.</p>	<p>Thoughtfully presented. Showing reasonable understanding of the design and build.</p>	<p>Functioning bridge with some creativity to achieve minimum requirements, show some understanding of the build</p>	<p>Shows little creativity, originality and/or effort in understanding the build</p> <p>Did not achieve minimum span and minimum load requirements</p>

This work is licensed under Creative Commons Attribution [CC-BY-NC](https://creativecommons.org/licenses/by-nc/4.0/) [Jessey & Tilak] – Swinburne University of Technology