

## 2021 Structural Deliverable Rubric

This rubric serves as a guide to help your team submit a high quality deliverable. Scoring will be based on the following criteria for each part of the deliverable. For more information, please refer to the general official rules, the design guide and the deliverable description document. This rubric shall serve **only** as a guide, and has no power to supersede or override the aforementioned documents. Any deliverable submitted that has more than 11 pages (including title page and **3-page** appendix for supplementary calculations) will not be scored.

**Formatting reminders:** 11 pt, single-spaced, US Letter (11x17 paper is permitted only for drawings in Part 2 with a maximum of 3 pages), Times New Roman font with 1 in. margins, 11 page limit. All pages should be submitted in one pdf file.

Category/Part	An excellent document...	A poor document	Points
<b>Title Page:</b> Name of school, computer-generated image related to the deliverable, names of all team members and the designated team captain(s).	Contains all required items, neatly arranged on the title page.	Is missing one or more items.	<b>Req'd</b>
<b>Part 1:</b> Existing Building Modeling and Performance Assessment	Accurately models the existing structure and provides modeling assumptions, modal analysis details, and answers to the given prompts; presents accurate results from the time history analysis and critical members analysis; provides sound reasoning throughout.	Has poor or inaccurate representation of the existing structure; demonstrates limited understanding of the modeling/calculation assumptions and conceptual questions; has incorrect results and inaccurately interprets the analysis results and design checks.	<b>45</b>
<b>Part 2:</b> Extension (Addition)	Neatly presents design details for the addition part with descriptive diagrams and clear drawings; describes reasoning behind the proposed preliminary structural design; responds to all prompts thoughtfully	Has poor or inaccurate descriptions; missing one or more of the required items; drawings are unclear.	<b>25</b>
<b>Writing, Organization</b>	Is essentially free of	Has many grammatical	<b>25</b>

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<p><b><i>and Presentation:</i></b> Grammar, spelling, clarity, punctuation, sentence structure, word choice, neatness, aesthetics.</p>	<p>grammar and spelling errors; each sentence is structured effectively; has a good range and accuracy of vocabulary; logically organized; formatted professionally.</p>	<p>and spelling mistakes; contains poor sentence structure; extremely limited vocabulary; poorly organized; is not formatted appropriately.</p>	
<p><b><i>Work Cited or Reference Page:</i></b> Does not count for the page limit</p>	<p>Is consistent in format and all references or citations are correctly cited</p>	<p>Is inconsistent in format or not included in the document</p>	<b>Req'd</b>
<p><b><i>Appendix:</i></b></p>	<p>Contains the relevant calculations, design checks, and any related details; neatly presented and easy to follow</p>	<p>Poorly organized, contains irrelevant and redundant calculations; hard to follow</p>	<b>5</b>