Design Team #
Design Points: Kept (0 or +15 pts): arned (-5, 0, +5 pts): otured (0 or +10 pts):
Total:
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## **CLARKSON UNIVERSITY**

	ES220 Statics	Dasian Daintar	
	Design Problem Grading Rubric	Design Points:	
		Review Points Kept (0 or +15 pts):	
	Re	eview Points Earned (-5, 0, +5 pts):	
	Revi	ew Points Captured (0 or +10 pts):	
<ol> <li>2.</li> </ol>	Problem Statement (5 points)  ☐ States assignment objectives ☐ Describes item(s) to be designed  Design Specifications (10 points) ☐ Includes specifications from assignments handout	Total:	
	<ul> <li>□ Provides additional specifications determined by the team for the</li> <li>□ Explains/justifies any assumptions</li> </ul>	e selected design	
3.	Design Drawings (20 points)  ☐ Provides drawings for all design elements: properly labeled, title ☐ Neatly drawn with a straight edge (including dimension lines) ☐ Large enough to be easily read (approximately ½ page each for ☐ Drawn to scale; provide scale ☐ No missing or erroneous dimensions, angles or units		
4.	Calculations and Analyses (35 points)		
	<ul> <li>□ Formulae are appropriate for the required analyses</li> <li>□ Provides symbolic equation, then substitutes numerical values</li> <li>□ Uses proper units; conversion factors included if needed</li> <li>□ Provides additional sketches (e.g. FBD's) needed to perform an straight edge)</li> </ul>	alyses (must be drawn with a	
	<ul> <li>□ No substitution or calculation errors</li> <li>□ Uses final design parameters in calculations to determine actual</li> <li>□ Explains/justifies any assumptions</li> </ul>	values	
5.	Discussion, Summary, and Conclusions (15 points)		
	<ul> <li>☐ Summarizes results from analyses</li> <li>☐ Discusses any questions/issues as required by the assignment had</li> <li>☐ Lists and/or discusses some useful/interesting things the team let</li> </ul>		
6.	General (15 points)		
	☐ Design document is neat, professional, well organized, and phormust be sufficiently dark, no color, 1" margins all around, and s		
	☐ Text sections are insightful, yet concise		