

Architectural Model Grading Rubric

建筑模型分级标准

Technical Domain	Level				
Design Schematics					
• The original designs meet the all of the requirements for the project.	1	2	3	4	5
• The line quality in the original designs are neat. <i>(Lines are strait and have been drawn with a ruler or protractor.)</i>	1	2	3	4	5
• The original designs are legible. <i>(the lines are dark enough that they can be seen easily by a viewer.)</i>	1	2	3	4	5
• The original designs use all of the architectural symbols correctly. <i>(This includes structural symbols and representations of appliances and furniture at the correct scale.)</i>	1	2	3	4	5
Mounting of the Schematics					
• The original designs have been enlarged to the correct scale.	1	2	3	4	5
• The enlarged designs have been mounted on foam-board <i>(There are no wrinkles, creases, or peeling corners.)</i>	1	2	3	4	5
• The foam-board base has been effectively trimmed to size. <i>(There are no miss-cut edges and the cuts are clean.)</i>	1	2	3	4	5
Model Build Quality					
• The overall cut quality of the constructed model segments. <i>(Cuts are clean and have no jagged edges.)</i>	1	2	3	4	5
• Overall alignment of the various model segments. <i>(All of the walls are the same height and are properly aligned. All of the corners meet at a precise measurement, i.e. 90°, 45°, etc.)</i>	1	2	3	4	5
• Corner joints. <i>(All of the wall segments are flush and meet without any gaps.)</i>	1	2	3	4	5
• Doors and windows have been included where appropriate. <i>(The measurements and location of the doors and windows are appropriate and the cuts for these design elements are clean.)</i>	1	2	3	4	5
• The assembly quality of all of the different model components. <i>(The effectiveness in the application of either glue or adhesive tape. all of the joints also need to be strong and clean.)</i>	1	2	3	4	5
• Complexity of the designs that was attempted. <i>(The designs were sufficiently complex and challenging to build)</i>	1	2	3	4	5
• Creativity and uniqueness of the design schematics that were created.	1	2	3	4	5
Commercial Viability of the Design					
• The design schematics would be commercially viable and practical.	1	2	3	4	5
					Total: ____ / 75

Legend

- 1 Attempted:**
The student has attempted but is struggling with the techniques in this domain.
- 2 Needs Improvement:**
The student has made a decent attempt but is still struggling with mastering the techniques in this domain.
- 3 Satisfactory:**
The students technique in this domain is acceptable but could still be refined.
- 4 Good:**
The students technique in this domain meets expectations.
- 5 Exceptional:**
The students technique in this domain exceeds expectations.

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域	等级				
设计电路图					
•最初的设计满足项目的所有要求	1	2	3	4	5
•原始设计中线条非常整洁。 (线条是直的并且都用直尺或量角器画的)。	1	2	3	4	5
•原始设计是清晰的。 (线条是黑色的,很容易看到。)	1	2	3	4	5
•原始设计正确使用了建筑符号。 (包括结构符号以及电器和家具设计完成都以正确的比例呈现。)	1	2	3	4	5
安装示意图					
•原始设计都已被扩大到正确的规模。	1	2	3	4	5
•放大的设计都安装在泡沫板上。 (没有皱折、折痕。)	1	2	3	4	5
•泡沫板基底已经削减到最合适的规模。 (没有漏切边缘和削减非常整齐)。	1	2	3	4	5
模型构建质量					
•整体削减保证了建好的模型的质量。 (削减整洁干净企鹅没有锯齿边缘。)	1	2	3	4	5
•模型片的组建。 (所有的墙壁都是相同的高度并且对准无误。所有角都经过精确测量。比如90°45°等)	1	2	3	4	5
•角之间的连接。 (所有的壁都是等高的没有任何差距。)	1	2	3	4	5
•门窗设置在适当的位置。 (门窗位置的测量准确且削减整齐利落)。	1	2	3	4	5
•所有的不同的模型组件的装配质量。 (胶水或胶带的粘性笔洗非常好。所有节堤岸都需要有足够支撑力并且整洁。)	1	2	3	4	5
•体检设计的复杂程度。 (设计足够复杂且非常具有挑战性。)	1	2	3	4	5
•设计示意图能够激发创意和独特性。	1	2	3	4	5
设计的商业可行性					
•图表设计具有商业价值和实用性。	1	2	3	4	5
					Total: ___ / 75

学生的预期表现

- 1 **尝试:** 尽管学生已经尝试了,但在对这一领域的相关及时还是不怎么了解
- 2 **需要改进:** 学生已经做出了很大的努力但是要掌握这一领域的相关技术还是很困难
- 3 **差强人意:** 学生在这领域的技术可接受但仍有该进的空间
- 4 **表现好:** 学生在这一领域的技术达到了预期
- 5 **表现优异:** 学生在这一领域的技术达到了预期