

Intermediate 3D Modeling Rubric: Hard-Surface Model

| | % Weight | 1 = Unacceptable | 2 = Limited | 3 = Developing | 4 = Proficient | 5 = Exemplary | Score |
|-------------------------------------|-----------------|--|---|---|---|--|--------------|
| Three-Dimensional Form | 55% | The model does not resemble the references. Structures do not fit together in a believable fashion and are overall unconvincing. | The model deviates from the references in several areas. There is an attempt to fit structures together in a rudimentary fashion. | The model resembles the references with some exceptions. The model has areas that look unrefined. | The model resembles the references with minor exceptions. The object/space is solidly built, but minor areas lack refinement. | The model closely matches the references (or improves upon them if appropriate). The object/space is solidly built, well-proportioned, and fully detailed. | |
| Topology | 25% | Edge flow is overall inefficient, much of the mesh density is too high or low, and/or many instances of non-manifold topology exist. | Edge flow is only minimally efficient in some areas, there are several instances of overly high or low mesh density, and/or several instances of non-manifold topology exist. | Edge flow is only marginally efficient in some areas, mesh density is overly high or low on occasion, and/or some instances of non-manifold topology exist. | Most areas, but not all, have logical edge flow, appropriate mesh density, and manifold topology. | Edges flow logically and cleanly, mesh density is appropriate to the structure, and topology is completely manifold. | |
| Data Organization | 15% | An abundance of "leftover" nodes still exist in the file. Organization and naming of nodes is not evident. | Several "leftover" nodes remain in the file. Minimal organization and naming of nodes is in place. | Some "leftover" nodes remain in the file. Organization and naming of nodes has partially in place. | Very few "leftover" nodes remain in the file. Nodes are, for the most part, organized into groups by function or area on the model. Groups are named appropriately. | No "leftover" nodes remain in the file. Nodes are organized into groups by function or area on the model. Groups are named appropriately. | |
| Professionalism/Presentation | 5% | Two or more project requirements are not followed or not all required assets are submitted, or the student did not present the work during critique. | | One project requirement is not followed (e.g. folder naming or image file format), though all required assets are submitted (no more, no less). The student presented the work during critique in a cursory manner. | | All project requirements (as specified in the project outline) are adhered to without deviation. This includes submitting exactly the required assets (no more, no less) and following all technical specs. The student was engaged in the presentation during critique. | |

Notes:

Rubric score:

Associated percentage:

Letter grade: