

first year: assignment six

Spaces within a volume, part A

Issued	Monday, September 24, 2007 @ 4.00 p.m.
Objective	How can planes be combined to define a composition of spatial volumes within a larger single volume? Using an everyday object -- "a deck of playing cards" -- you are to explore how to develop a series of slots in the cards that will make a number of implied spatial volumes when the cards are combined. By cutting slots into the surface of the playing cards, create such a grouping of slots which allow for a exploration of parallel and perpendicular spacemaking. When completed, the assembled composition of playing cards is to define and fit within a 16" x 16" x 16" cubic volume. You are not being asked to make a completely defined series of spaces/ volumes. Instead, you are asked to study how the planes of the cards can imply spatial definition.
Spatial affects to achieve:	Interlocking, implied surface, implied volume(s), implied edge(s) and proportion You should research what these terms mean before using them as part of your design process.
Method / Process	Through a series of sketches on 12" x 12" tracing paper, explore through a number (10 minimum) of three-dimensional freehand drawings how the slots you make in a playing cards can help to create a number spatial volumes. As part of your design process, use one-ply chipboard to explore the slots that allow the playing cards to be used in a cartesian assembly of rectangular and cubic spacemaking -- do not cut the playing cards yet. These models can be fragments of the overall 16" x 16" assembly, however, one completed study model should fit within the 16" x 16" volume.
Project & Presentation Requirements	Wood pencils Tracing paper (12" x 12" sheets) One-ply chipboard Elmer's glue (as required)
Due	Wednesday, September 26, 2007 @ 1.30 p.m. (sketches and study models)