

first year: assignment six

spaces within a volume, part A

Issued	Monday, September 22, 2008 @ 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 that allows for a exploration of parallel and perpendicular spacemaking. When completed, the assembled composition of playing cards is to define and fit within a 6" x 6" x 6" 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 the playing cards can help to create a number spatial volumes. As part of your design process, use one-ply chipboard (representing the deck) 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 (partial studies) of the overall 6" x 6" x 6" assembly, however, one of the completed studies model must fit within the 6" x 6" x 6" volume.
Project & Presentation Requirements	Wood pencils Tracing paper (12" x 12" sheets) One-ply chipboard*
Due	Wednesday, September 24, 2008 @ 1.30 p.m. (sketches and study models) * Models are to be constructed without glue.

first year: assignment six

spaces within a volume, part B

Issued	Wednesday, September 24, 2008
Objective	Modify the deck of playing cards with your series of slots to create a series of implied spatial volumes “parallel and perpendicular spacemaking” within the 6” x 6” x 6” cubic volume. The total composition must as well define a 6” x 6” x 6” cubic volume as well as the subspaces within it. Your final design should use no more than half of the deck.
Action Words	Mirror, lap, overlap, extend, proportion, orthogonal, repetition, linear, grid, rhythm, datum, open, closed, interlocking, hierarchy, layering, interlock, rotate, align You should research what these terms mean before using them as part of your design process.
Method / Process	Construct your design using the deck of playing cards assigned. You do not need to use all the playing cards if your design does not require it. If you need more, borrow from your colleagues. Utilizing the techniques learned in your drawing class, prepare a freehand perspective which best represents your design.
Materials	Deck of playing cards (lamine cards as required for stiffness) Xacto blades and holder Rubber cement (for lamination) Wood pencils Newsprint (same size as used in your drawing class)
Project & Presentation Requirements	1. Playing card model 2. A freehand perspective drawing of your design on newsprint
Due	Friday, September 26, 2008 @ 1.30 p.m.