

CEE 130 – Introduction to Architecture Studio

Exercise 1: Three-Room Assembly
Description

BUILD three rooms at the dimensions specified below.

APPLY all of Ching’s 4 spatial combinations (from the textbook) and experiment with Charles Moore’s room assembly types (Reader 5-51). Also experiment with various room assemblies that you recorded in your sketchbook.

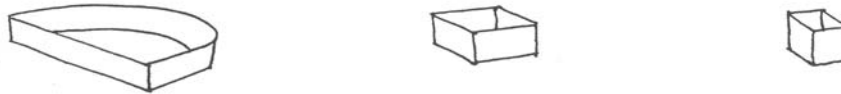
DOCUMENT your alternatives by sketching and/or using photographs taken with a digital camera.

Part 1--Constructing three rooms

This exercise asks you to construct three rooms at ¼”-1’0” scale. Use tape to put them together first, then glue for your final alternatives. Choose from the following two options on the dimensions:

	Option A	Option B
Room 1	12’W x 12’L x 12’H	18’W x 18’L x 12’H
Room 2	12’W x 12’L x 12’H	18’W x 18’L x 12’H
Room 3	15’W x 20’L x 12’H	20’W x 25’L x 12’H

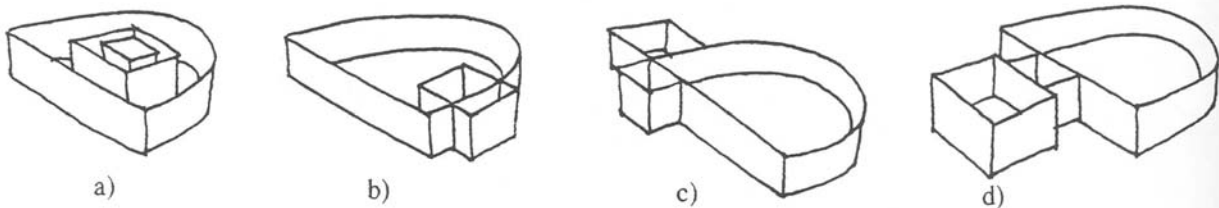
The example below is slightly different from this exercise, as it utilizes a cube, rectangle, and semi-circular shape.



Part 2 – Configuring three rooms

Apply all of Ching’s 4 spatial combinations (from the textbook) and experiment with Charles Moore’s room assembly types (see reader pp. 5-51). For example, below the three shapes above have been run through the drill of combining them as per Francis Ching’s 4 spatial prototypes:

- a) space within a space
- b) interlocking spaces
- c) adjacent spaces
- d) spaces linked by a common space



Further Considerations

Joinery explored – cutting slits, using Velcro or other removable adhesive methods, other creative attachment means to temporarily combine the shapes especially at different floor levels (e.g. Moore’s saddlebag system).

Deliverables

Two final alternatives in perspective drawing format and/or digital camera format.