

American University of Beirut
Faculty of Engineering and Architecture - Department of Architecture and Design
ARCH111 DRAWING I – Fall 2015
Instructors: Grégoire Sérof– May El Hage –Rania Abboud

6. CUBES PROJECTIONS

Brief Given: Thursday 8.10.15
Date Due: Thursday 15.10.15 at 3:00pm

You will be given 6 Styrofoam cubes of dimensions $4 \times 4 \times 4 \text{ cm}^3$. You will divide each face of each cube into 16 squares using a Bic pen.

Assemble the cubes on two levels (no half-levels) by stacking them in a combination of your own choice. The final combination should fit within a $12 \times 12 \text{ cm}^2$ boundary. You may use pins to fix the cubes to each other, and UHU Por Glue to glue the cubes to the base. Make sure that the divisions align. Respect the stability of the cantilever. Make the base of an appropriate size (easy board), and clearly label the model with your name and the title of your assignment. Also, add a compass rose to your base and choose a North orientation.

Draw the top view and four elevations of your model on a scale of 1:1.

Pen thicknesses:
Use the 0.8 pen for the floorline.
Use 0.4 pen for the projections of the cubes.

Render: with charcoal and estompe to show distance from the viewer

Sheets: 1 sheet of Canson (50cm x 70cm) – Landscape orientation
Scale: 1/1

Clearly label the drawings with a title, date and your name, as below, and subtitles.

Note: Keep both models in good condition. You will need them for an upcoming assignment.

Bonus:
You may add shadows as a bonus, consult the instructors for guidance.

Title:
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FIRSTNAME LASTNAME