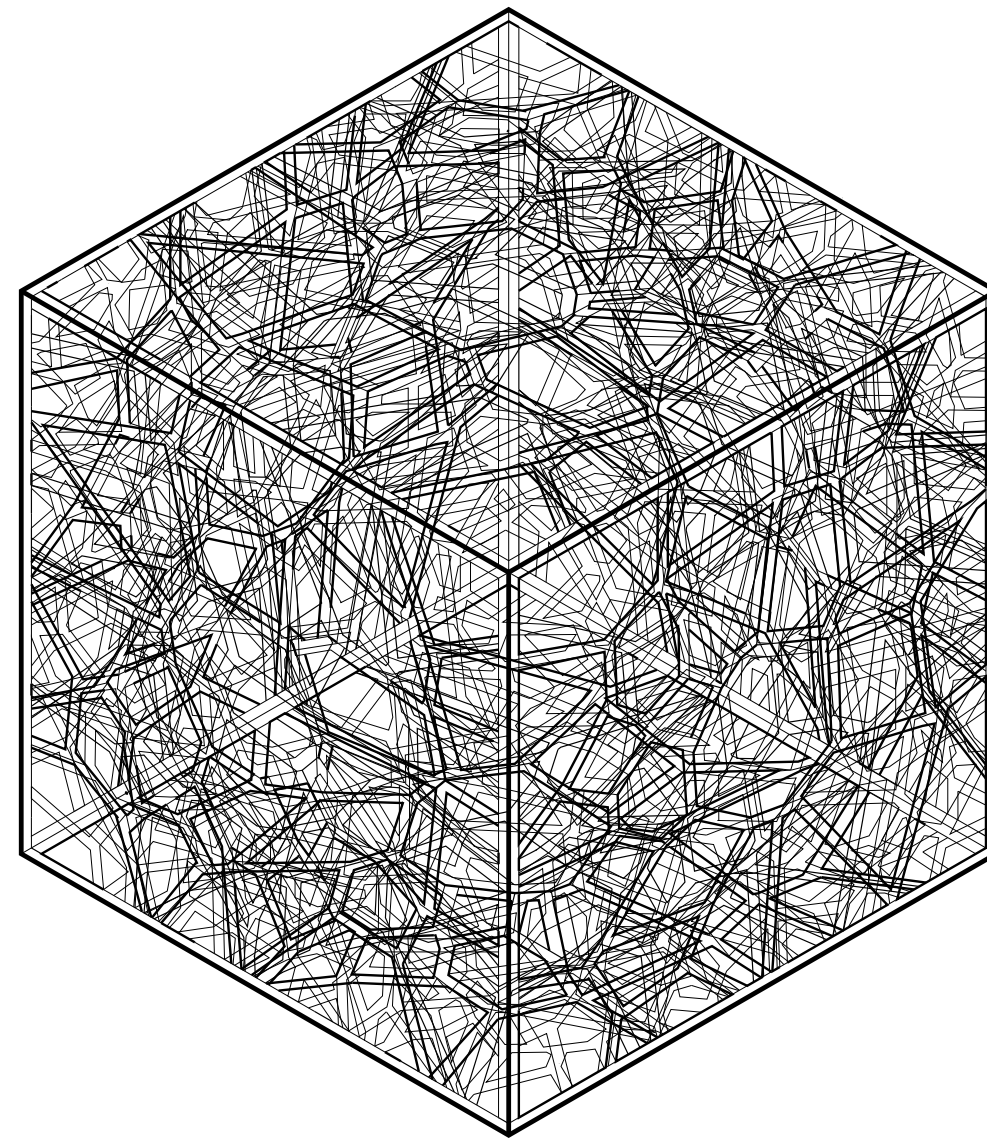
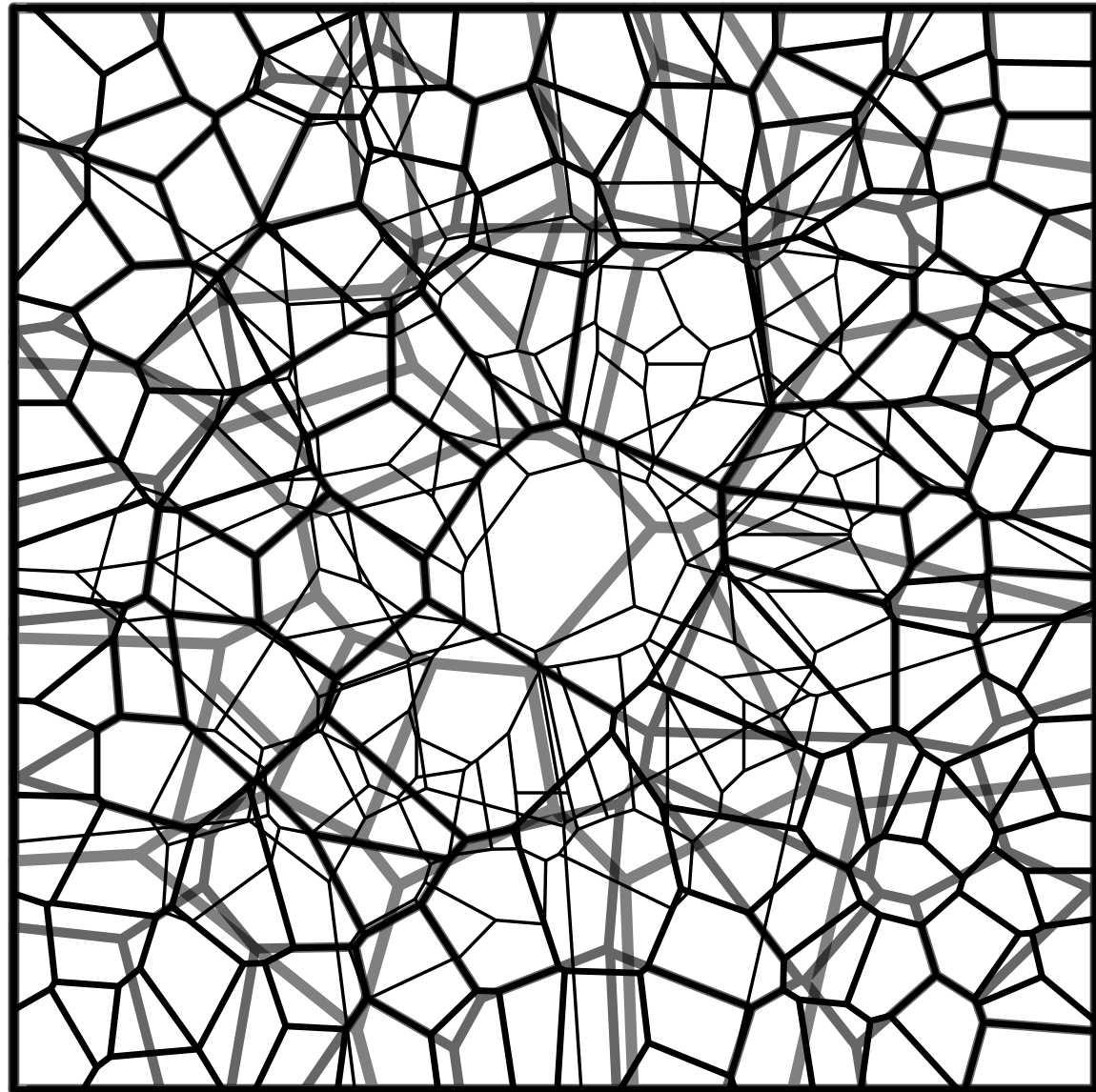


PATTERNS INTO GEOMETRY-DESIGN PROCESS

ARCH4890/Prof King
Asli Oney



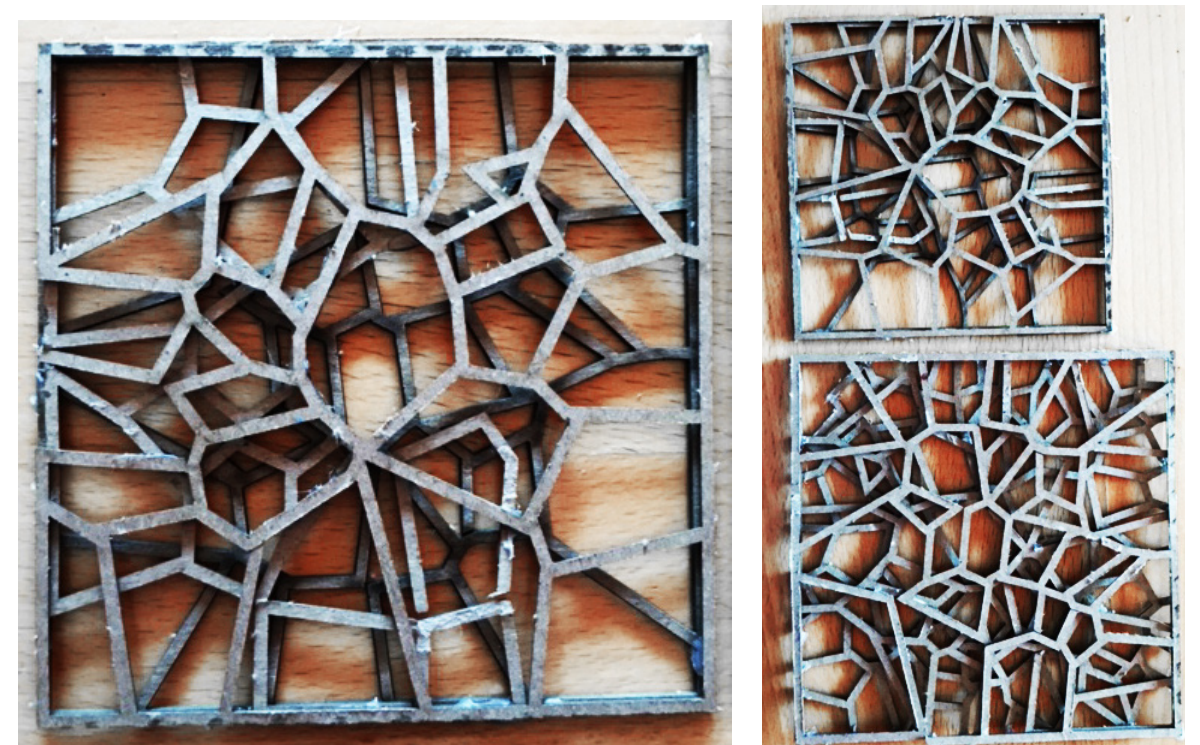
A quick 5 iterated Parametric Design patterns created through Grasshopper Voronoi grid, overlayed in Rhino5, to be prepared for laser cutting.

PATTERNS INTO GEOMETRY-BUILD PROCESS

ARCH4890/Prof King
Asli Oney



After the laser cut process, 3 layers were glued together with a hot glue gun, aligning all corners. Sizes tested were 4x4, 5x5, 6x6 inch flat surfaces.



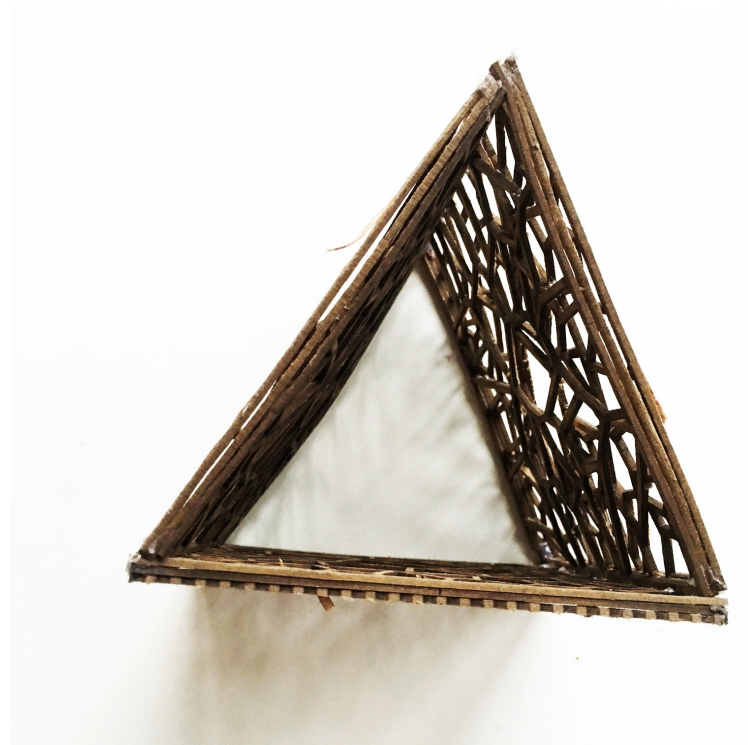
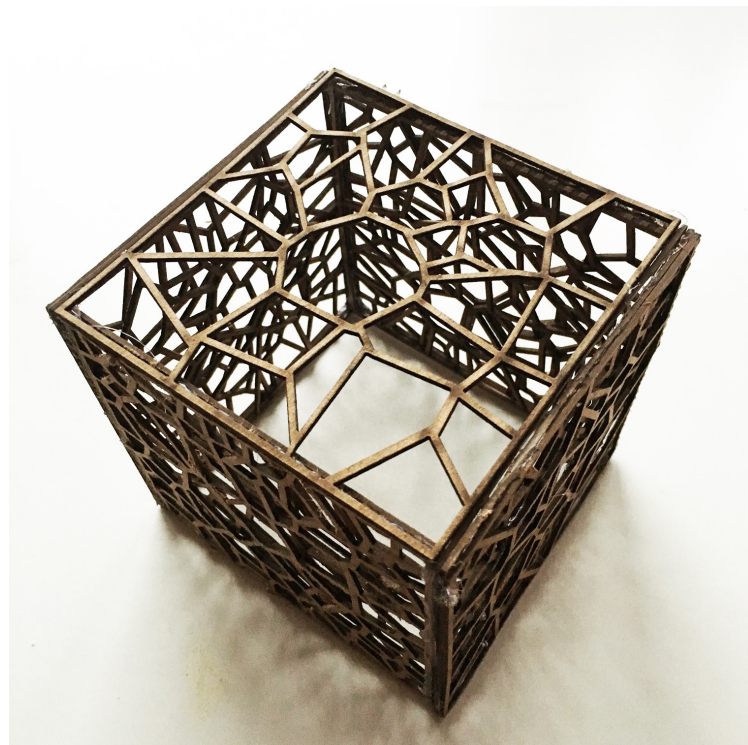
After three layers of grid patterns were glued, one set becomes one side of the cube or shape you would like to transform.

PATTERNS INTO GEOMETRY - RESULT

ARCH4890/Prof King
Asli Oney



After three layers of grid patterns were glued, one set becomes one side of the cube or shape you would like to transform.



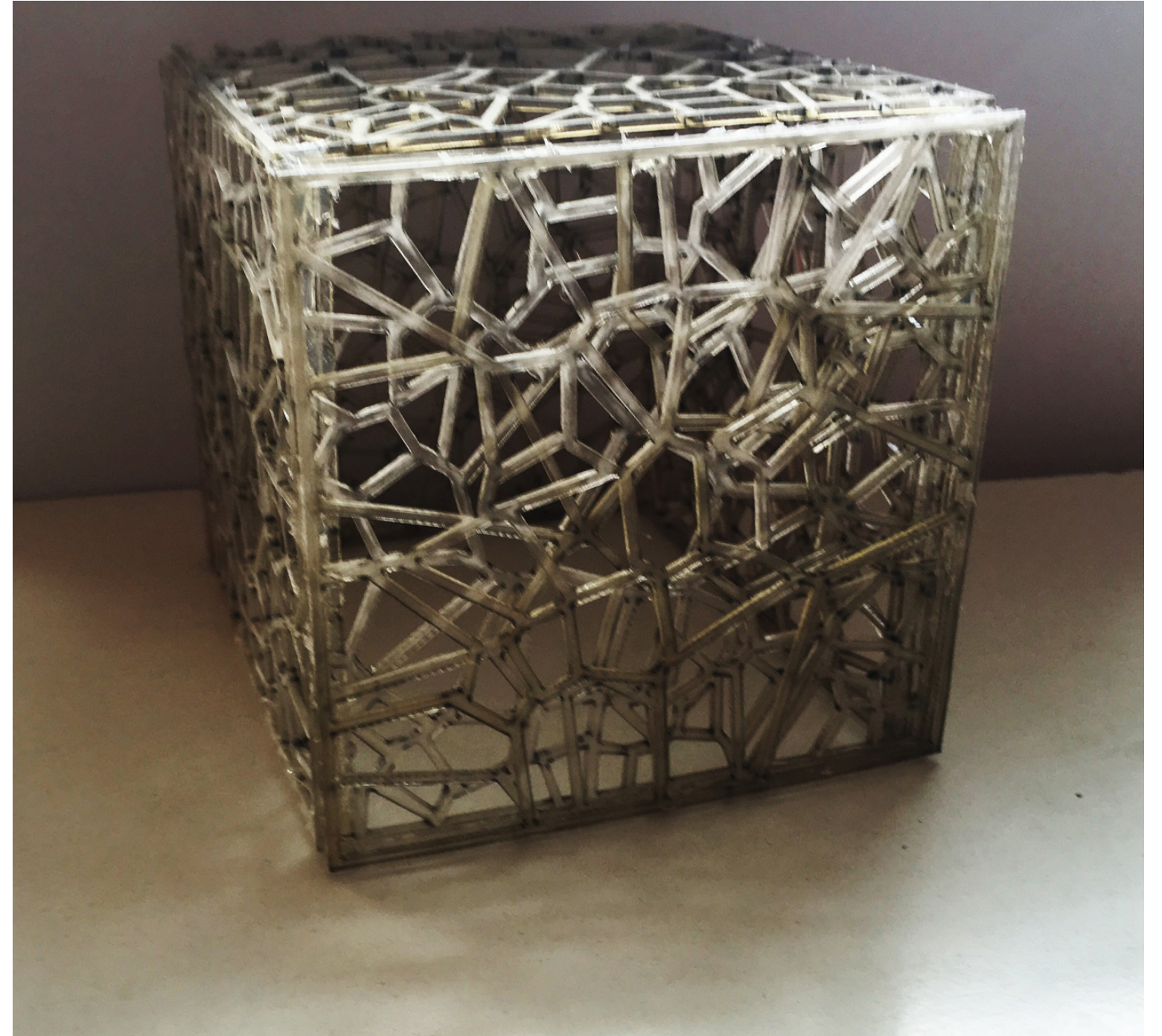
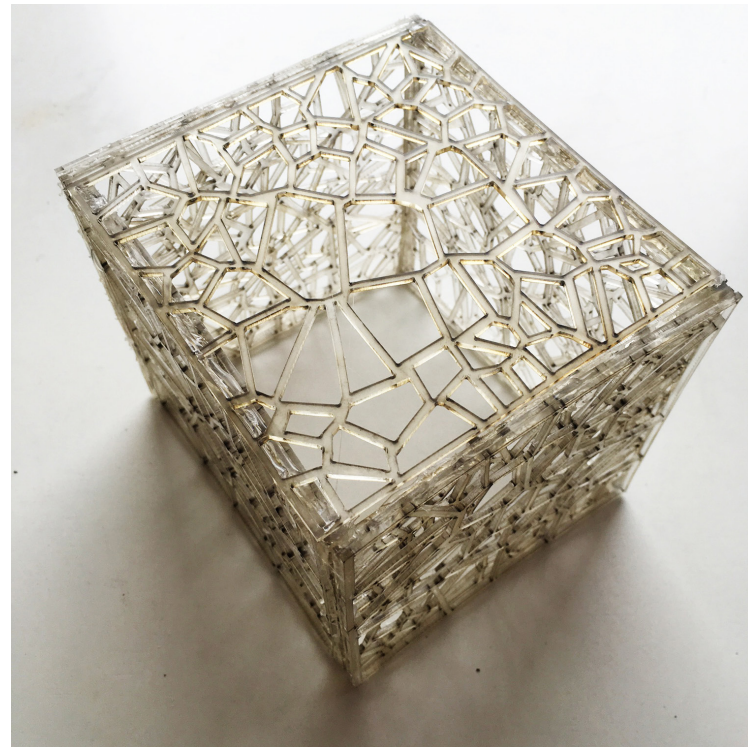
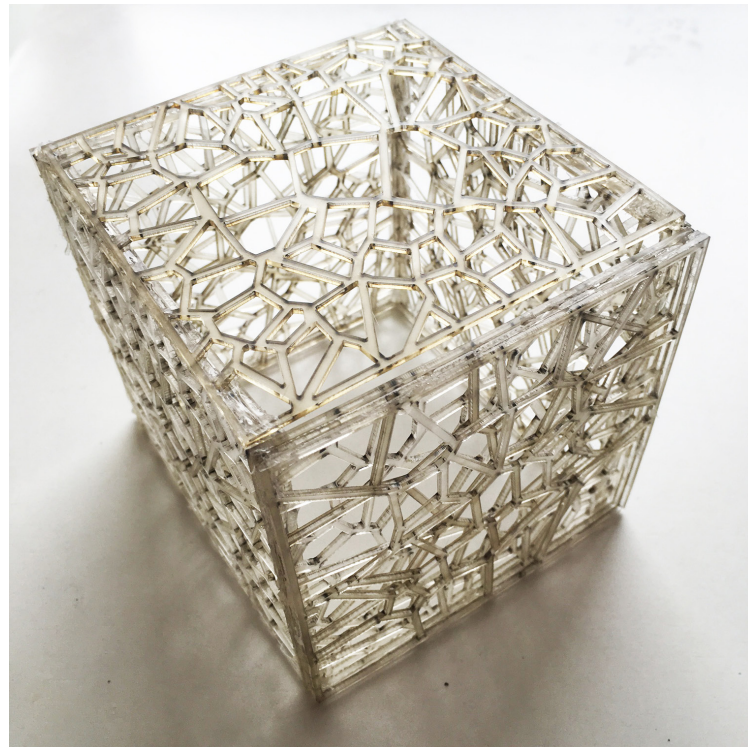
This result can be used as a lamp and the light would puncture through as nice effects through the network of the design.ww

PATTERNS INTO GEOMETRY - RESULT

ARCH4890/Prof King
Asli Oney



SAME RESULT IN DIFFERENT MATERIAL. THIS IS AN OVERLAY OF 1/32" THICK ACRYLIC SHEET, LASER CUT INTO THE SAME PARAMETRIC PATTERN.



This result can be used as a lamp and the light would puncture through as nice effects through the network of the design.