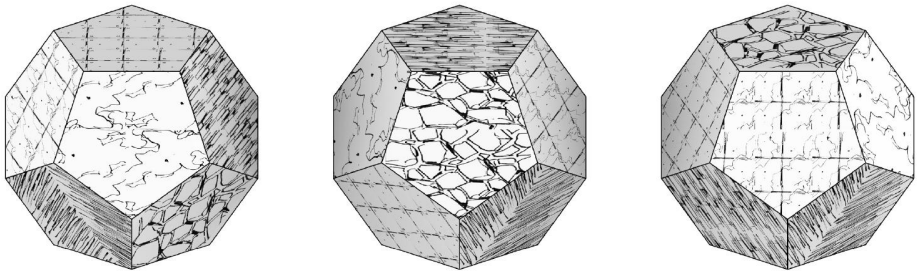
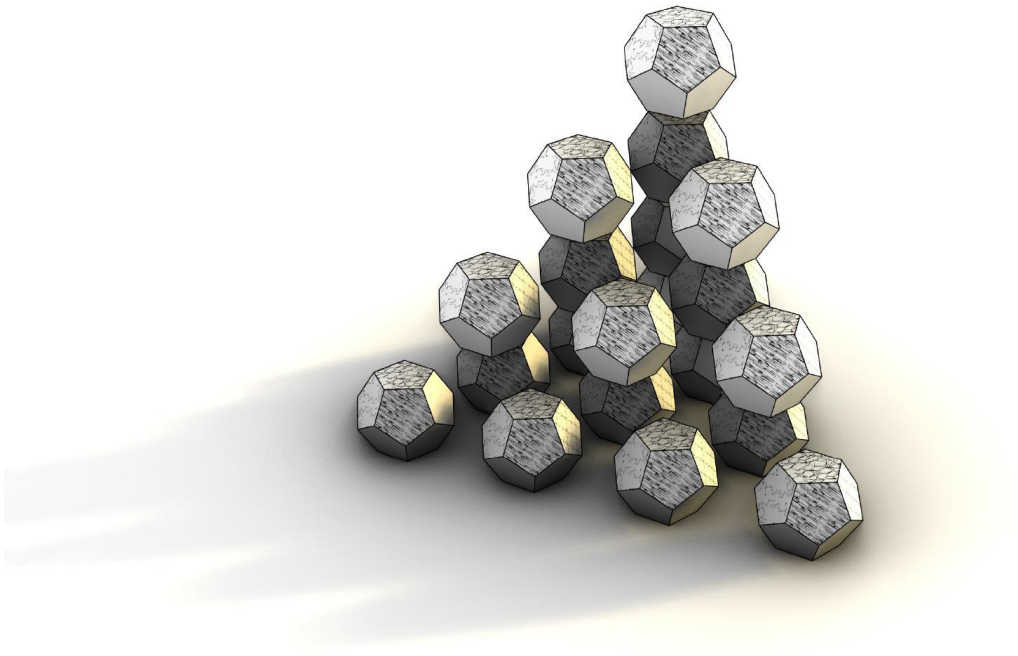




REQUIREMENTS: CREATE (5) 11”X17” DRAWINGS

Process:

Step 01: By hand, start a pen hatching library by experimenting with different techniques from the pen cross-hatching video tutorial, linked at the bottom of page 2. Your library should consist of (12) 1” x 2” samples arranged in a 4 x 3 grid, see example on page 2.

Step 02: Digitize your pen samples

(*Create the first (2) drawings)*

Step 03: Use Rhino to 3D Model (2) Polyhedra from Ch 3 of the Polyhedra Primer

Step 04: Export three copies of each polyhedra to a single 11” x 17” page

(2 pages, 3 polyhedra per page)

Step 05: Select and apply one or more **pen hatching techniques** to the polyhedra faces, consider how the hatching can create shadow, depth, and dimension

(Create the second (2) drawings)

Step 06: Use Rhino to create a field of your polyhedra in 3D Space using the ‘**Orient 3D**’ command. Fill each 11” x 17” page with at least 15 polyhedra.

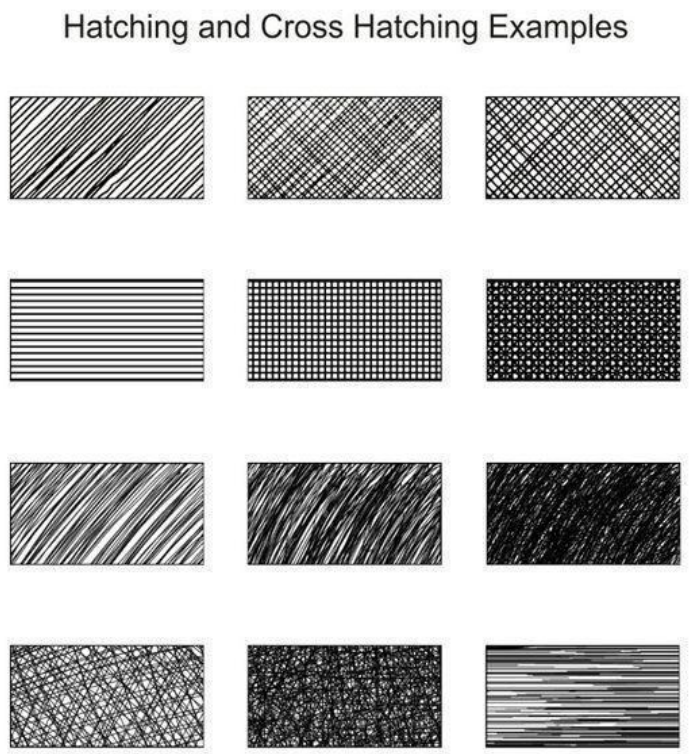
Step 07: In Photoshop create a **hybrid hand / digital field drawing** using the 3D drawing from Step 6 and the pen cross hatching library from Step 01.

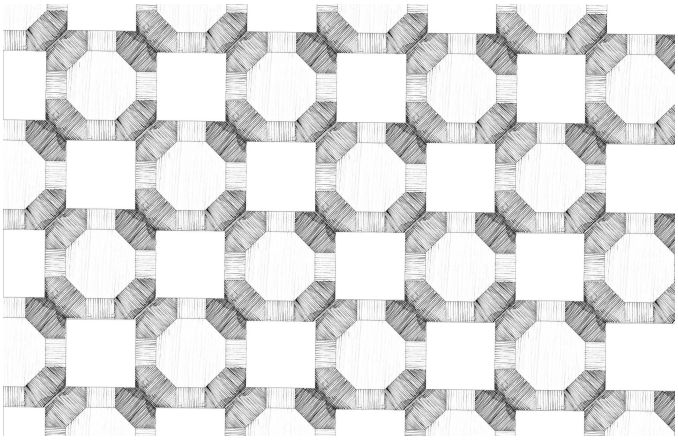
DUE DATE AND TIME: BEFORE CLASS-04

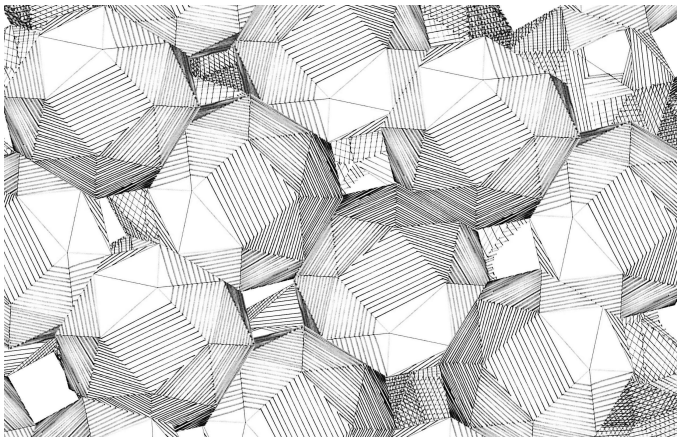
SUBMIT:. COMBINE YOUR FILES INTO ONE PDF

UPLOAD YOUR PDF FILE TO THE CLASS SHARED FOLDER

FILE NAMING: FIRSTNAME_LASTNAME_A#.PDF







Past Student Examples

ADDITIONAL RESOURCES:

Polyhedra Video Tutorial

Polyhedra Primer Ch3, Pearce & Pearce

Pen Cross Hatching Techniques Video Tutorial