

1110: WEEK 5 Assignment_02b:

PART I

Lecture: BASIC GEOMETRY RECOGNITION: Identify underlying geometries and proportions of an illustration. Present and review Exercise 3.

OBJECTIVE:

Students will learn to identify the geometric relationships and components of an illustration.



DESCRIPTION:

By looking at a graphic illustration, the student will break the illustration down into its component geometries and thus learn how geometric relationships and proportions affect how we view images and where the important components lay.

Lab & Homework: EXERCISE 4

PROCESS:

1. Using the same illustration as the previous exercise, identify the overall organizing geometries of the page and its' objects by hardline drafting over them on tracing paper.
2. Label dimensions, radii, angles, and identify the center of the page. Describe the geometric layout in sentence format.
3. Scan the illustration and overlay. Create an 11"x17" presentation board with the clipping, overlay, and description.

READING: Elam, Kimberly. Geometry of Design. Pages 01-75

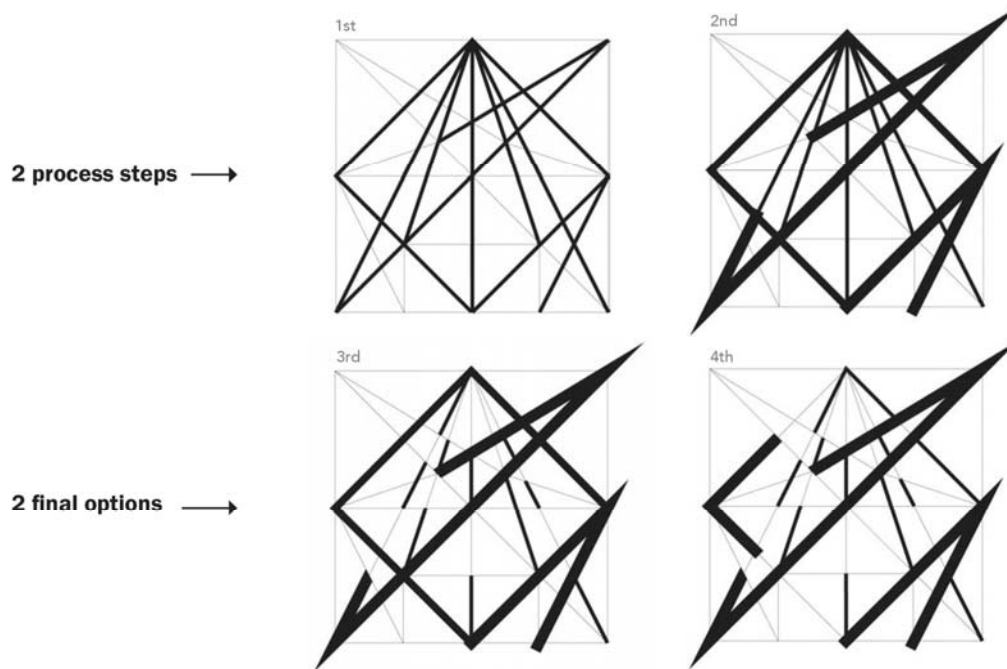
SKILLS: Drafting, Geometry recognition, scanning, formatting, composition.

PART II:

Geometric Hierarchy

Lecture: GEOMETRIC HIERARCHY: The designs created in the BASIC GEOMETRY RECOGNITION assignment visually establish a flat two-dimensional world. The challenge of the Hierarchy project is to see new possibilities in these familiar designs. The goal of this project is develop a visual hierarchy of lines, balance weight and motion and implied shapes and patterns. The project will continue to investigate ideas related to generating designs within a set of constraints, generating alternatives, concepts of symmetry and asymmetry and the skills and techniques associated with traditional and digital drafting.

OBJECTIVE: The elements of the design should exhibit a visual balance of weight and motion. The design should contain a hierarchy of implied shapes and/or patterns. Location of the design within the format should enhance its qualities and dynamic balance.



DESCRIPTION: Changing the weight of the lines in a composition can dramatically transform its visual qualities and impact. For this project, you must choose one of your final designs from the Shape Generation project to transform in terms of line weight. Incorrect designs from the Shape Generation project must be corrected before use in this project. The design must be created at twice its original size (use a 6" or 1" square). The final design must be abstract. It may not contain any recognizable forms (i.e. face, car, fish, etc.). Lines may not be added to or eliminated from the designs. All lines of the original design must be visible.

Lab & Homework: **EXERCISE 8**

PROCESS:

1. Take one of the most successful analyses from the BASIC GEOMETRY RECOGNITION assignment and create a series of tests (3 minimum) for the same composition trying out different line weights in order to create a sense of hierarchy between the forms. All compositions must be abstract. They may not contain any overtly recognizable forms (i.e. face, car, fish, etc.).
3. Redraw your drawings with pen on vellum or you may also compose your drawings using Illustrator.
5. Add a title and print on 11"x17" paper.
6. Generate a step by step guide of how the composition was made.

Design Goals

There will be 2 process steps and 2 different final options. All of the designs are ultimately derivatives of your very first illustration abstraction analysis (assignment 02).

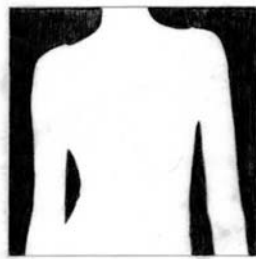
The designs you will develop should be diverse. They should:

- Exhibit variety in the density/number of lines within different areas of a design.
- Exhibit variety in the sizes and/or shapes of areas within a design.

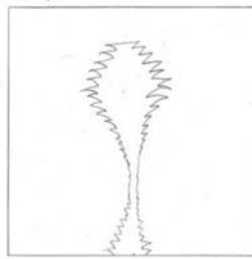
- Exhibit variety between designs in the organizational concepts—include both symmetrical and asymmetrical designs.
- Exhibit variety between designs in the proportion of straight lines and arcs. Finally, work to develop designs that are not obvious products of the constraining rules.

READING: Benedict, William. *ARCH 121 SYLLABUS*. Pages 37-42.

SKILLS: Line weights, hierarchy, scan, layout in Adobe InDesign



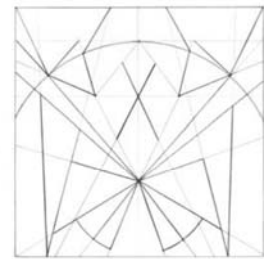
POSITIVE/NEGATIVE



OUTLINE/BOUNDARY



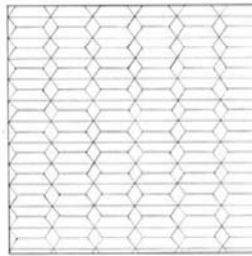
LAYOUT COMPOSITION 1



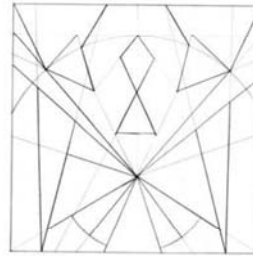
LAYOUT COMPOSITION 2



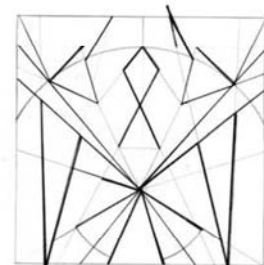
TEXTURE/PATTERN



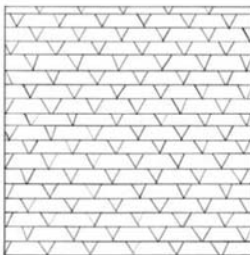
PATTERN 1



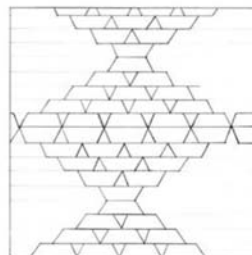
PROCESS 1



PROCESS 2



PATTERN 2



PATTERN 3



FINAL OPTION



FINAL OPTION

Grading Sheet: BASIC GEOMETRY RECOGNITION

		Points Possible	Points earned
Analysis	geometry analysis 01	10	
	geometry analysis 02	10	
	geometry analysis 03	10	
Line weights		10	
cleanliness		10	
titles / labels		10	
Total		60	

Grade:

Grading Sheet: Geometric Hierarchy

		Points Possible
Test 01		5
Test 02		5
Test 03		5
Final Scheme		20
Line weights		20
cleanliness		10
LAYOUT + titles / labels		20
Total		85

Grade: