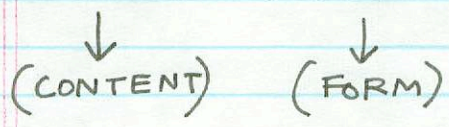


COMMUNICATION VEHICLES (AFO 103)
FALL 1989
TROGU

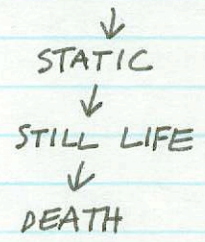
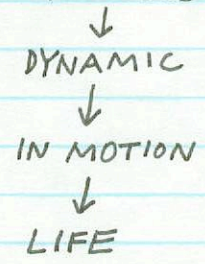
30 AUGUST 1989

SUBJECT:
PARALLEL INVESTIGATION
OF TWO AND THREE-DIMENSIONAL CONCEPTS
WITH EMPHASIS ON:

- PROGRESSION POINT → LINE → PLANE → VOLUME
- INTERNAL - EXTERNAL RELATIONSHIP



- FORMATION RATHER THAN FORM OR:
- ESSENCE VS APPEARANCE
- FORM GENERATIVE PROCESS STRIVING TOWARDS FORM



- PROJECTS (I WOULD LIKE TO CALL THEM RESEARCH*) WILL DEVELOP IN RELATION TO THE PREVIOUS PROJECT AND THE NEXT PROJECT. SPECIFIC THEMES MIGHT BE INVESTIGATED THROUGHOUT THE SEMESTER
- THE STRUCTURE OF EACH INDIVIDUAL CLASS IS FLEXIBLE TO ADAPT TO LECTURE TIME, CRITIQUES, SLIDES OR FILM SHOWINGS, WORK-IN-CLASS, ETC.

* SEARCH

- COURSE DOCUMENTATION (SKETCHES, NOTES FROM LECTURES AND/OR CRITIQUES, PERSONAL OBSERVATIONS, ETC.) SHOULD BE KEPT OR COLLECTED IN A NOTEBOOK OR DIARY. THESE NOTEBOOKS MUST BE ORGANIZED AND CLEAR AS I WILL BE READING THEM.

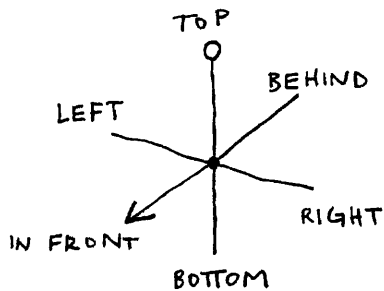
- YOU WILL BE EVALUATED ON :

- ATTENDANCE AND PUNCTUALITY
- PROGRESS THROUGH EACH ASSIGNMENT
- PRESENTATION OF EACH ASSIGNMENT
- COMPLETION OF PROJECTS ON TIME
- REVIEW OF NOTEBOOKS

- PROJECTS WILL NOT BE GRADED INDIVIDUALLY
ONE FINAL GRADE

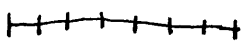
LAST CLASS - YOU WILL MEET WITH ME INDIVIDUALLY TO DISCUSS AND EVALUATE WORK DONE DURING SEMESTER

VISUAL VOCABULARY
AFO 103 - FALL 1989



↓ GRAVITY

• POINT (man)


— LINE →  SYMBOL OF PURE LINE (MEASURE)


 PLANE


 VOLUME (BODY)

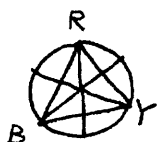
 POSITION (top-bottom)


 DIMENSION (relative size: smaller - bigger)

 SHAPE (concave - convex)


 TEXTURE (fine - coarse)

 VALUE (TONE-VALUE) — SYMBOL OF PURE TONE VALUE (WEIGHT)

 COLOR (red, blue, etc.) — SYMBOL OF PURE COLOR (QUALITY)

 DIRECTION (centrifugal - centripetal)

 2-D

 3-D

□ STATIC

◇ DYNAMIC


~ LINEAR

PLANAR → ▲ MIDDLE → △

A → B MOVEMENT

 FLUCTUATION

--- INTERMITTENCE

 SCINTILLATION

} TIME

 RHYTHM (REPETITION IN GROUPS)

 SCALE (WEIGHT)

LIST OF POSSIBLE NON-ASSIGNMENT TOPICS FOR AFO 103 - FALL 1989

CLASSES
(CHRONOLOGICAL)

TOPIC

• PERSONAL PLANET

• FREE SIGNS, SIGNATURE, SIGNS WITH BOTH HANDS

• TACTILE EXPERIMENTS

FREE-IMAGE-ASSOCIATION

(WITH SYMBOLIC MEANING -AFTERWARDS)

STELLATED POLYHEDRA

TRIANGLE

• SIMPLE GEOMETRIC CONSTRUCTIONS

SQUARE

TOPS

PENTAGON

PIN-HOLE CAMERA

• SYMMETRY

• PLATONIC SOLIDS

• PARALLEL PROJECTIONS

• PERSPECTIVE

GOLDEN SECTION

OPTICAL ILLUSIONS (VISUAL PERCEPTION)

POLARIZED LIGHT

DIRECT PROJECTIONS

BIONICS

FILMS ON KLEE

MATHEMATICA

LECTURE ON NOTHING (KLEE ON RHYTHM)

• POWERS OF TEN

• PLATONIC SOLIDS

• THINK - VIEW FROM THE PEOPLE'S WALL

PAPER FOLDING EXERCISES
MOEBIUS BAND

• THE MYSTERY OF PICASSO

1 . 30 AUGUST

• POWERS OF TEN
• PERSONAL PLANET

2 . 6 SEPTEMBER

• POWERS OF TEN
• PERSONAL PLANET
• VIEW FROM THE PEOPLE WALL

3 . 13 SEPTEMBER

• PLATONIC SOLIDS

4 . 20 SEPTEMBER

• FREE SIGNS,
SIGNATURE, SIGNS
WITH BOTH HANDS
• SIMPLE GEOMETRIC
CONSTRUCTIONS

5 . 27 SEPTEMBER

• PARALLEL PROJECTIONS
• PERSPECTIVE
• SYMMETRY

6 . 4 OCTOBER

• continue work
on cube section

7 . 11 OCTOBER

• continue work
on cube section

8 . 18 OCTOBER

• RHYTHM AND SYMMETRY FILMS

9 . 25 OCTOBER

• MORE WORK ON CUBE

10 . 1 NOVEMBER

• INTRODUCTION OF SYMMETRY GROUPS
(MORE WORK ON CUBE)

11 . 8 NOVEMBER

• AXONOMETRIC
DRAWING OF SECTION
OF CUBE

12 . 15 NOVEMBER

• TEXTURES

• 1ST 4 SYMMETRY GROUPS

THANKSGIVING WEEK

13 . 22 NOVEMBER

PORTFOLIO REVIEW

14 . 29 NOVEMBER

15 . DEC. 6

16 DEC. 11

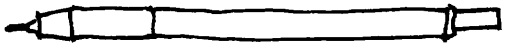

COMMUNICATION VEHICLES (AFo 103)

FALL 1989

TROGU



REQUIRED TOOLS

- LEAD HOLDER (KOH-1-NOOR 5611) 
 - FABER CASTELL LEADS F, H, OR 2H
 - LEAD POINTER
 - SANDPAPER PAD 
- SUGGESTED
- CHOICE 1

- PENTEL SHARP PENCIL 
 - PENTEL LEADS H .37 mm
- CHOICE 2

- MARS PLASTIC ERASER (STAEDTLER)

- 45° (DEGREES) TRIANGLE 

- 30°/60° TRIANGLE 

- STEEL RULER 18" MINIMUM (T-SQUARE OPTIONAL)

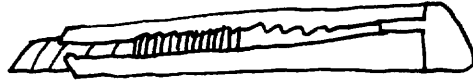
- CIRCULAR PROTRACTOR 

- COMPASS (BASIC JET-BOW) DOES NOT EXTEND
(JET-BOW) CAN TAKE ATTACHMENTS

- RAPIDOGRAPHS (TWO MINIMUM)
KOH-1-NOOR 2X0/.30mm
1/.50mm

- 3 OR 4 COLORED PENCILS (HARD POINT) BLUE
RED
GREEN
YELLOW
- NOTEBOOK (JOURNAL)
GRID PAGES OPTIONAL

- OLFA 18 KNIFE



- BLADES 10/PK

- SCOTCH 810 TAPE (MAGIC)

COMMUNICATION VEHICLES (AFO 103)
FALL 1989
TROGU

6 SEPTEMBER 1989

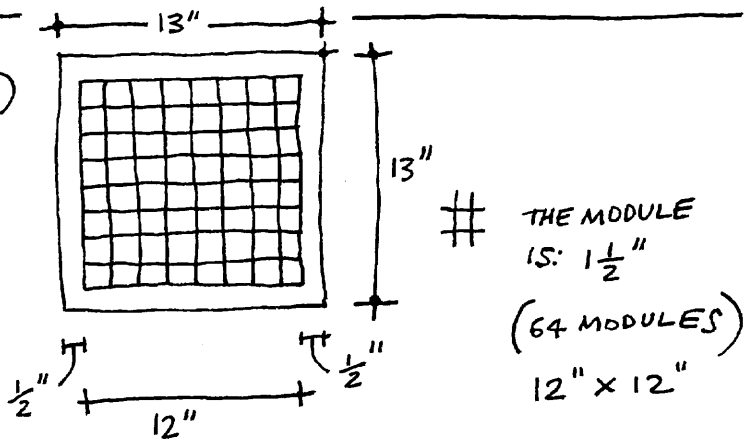
ASSIGNMENT FOR WEDNESDAY, 13 SEPTEMBER 1989

"MAN DISSECTS THE THING AND VISUALIZES ITS INSIDE WITH THE HELP OF PLANE SECTIONS; THE CHARACTER OF THE OBJECT IS BUILT UP ACCORDING TO THE NUMBER AND KIND OF SECTIONS THAT ARE NEEDED."

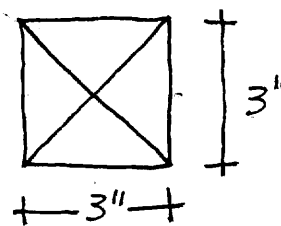
PAUL KLEE
THE THINKING EYE
N.Y. WITTENBORN, P. 66

BRING TO CLASS:

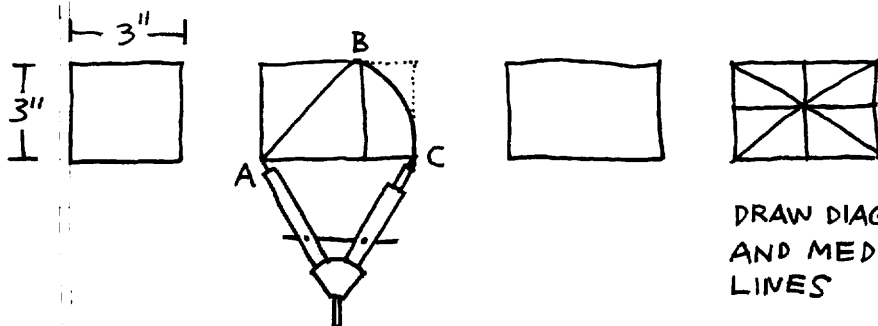
- 1 SQUARE GRID ON WHITE PAPER (INK)
(SEE SPECIFICATIONS)
PAPER SIZE 13" X 13"
- 1 SAME GRID ON VELLUM



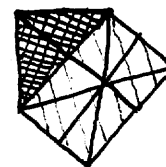
- 6 SQUARES (CUT OUT OF PAPER BOARD OR POSTER BOARD) PICK DARK COLOR
DRAW DIAGONALS AS SHOWN



- 6 RECTANGLES (SAME MATERIAL BUT LIGHT COLOR)
CONSTRUCTED AS FOLLOWS:



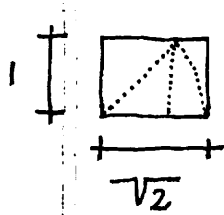
- POINT COMPASS IN A (PIVOT)
- PROJECT B DOWN TO C



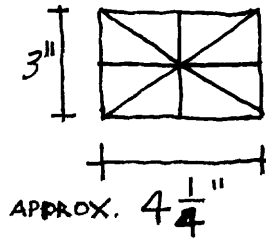
DRAW DIAGONALS AND MEDIAN LINES

TO CHECK:
OVERLAP LIGHT COLOR RECTANGLE ON TOP OF DARK COLOR SQUARE
DIAGONAL OF SQUARE EQUALS BASE OF RECTANGLE

THIS KIND OF RECTANGLE IS SOMETIMES REFERRED TO AS A $\sqrt{2}$ RECTANGLE, AS IN:

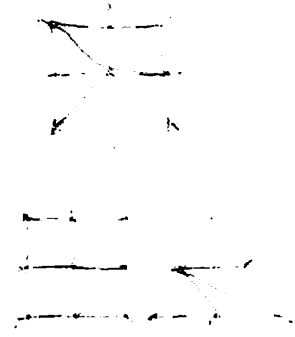
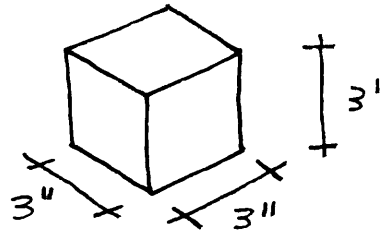


IN OUR CASE, IT BECOMES

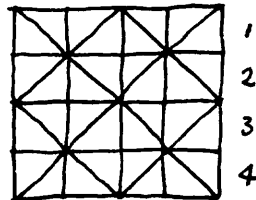
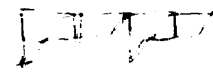


CONSTRUCT FIRST - CHECK/MEASURE AFTER.

- 1 CUBE (EXACT) OF PLASTILINA

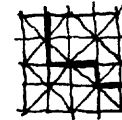


- SKETCHES OF SECTIONS (AT LEAST EIGHT SEPARATE SKETCHES) BASED ON THIS GRID:

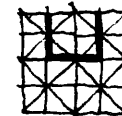


- USE EXISTING LINES AS GUIDE - LINES

EXAMPLES:

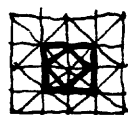


DRAW WITHOUT THINKING (TOO MUCH)

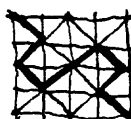


- SKETCHES OF SECTIONS AND/OR PATTERNS (AT LEAST EIGHT SEPARATE SKETCHES) BASED ON PREVIOUS GRID BUT DERIVED FROM PERSONAL PLANET QUALITIES/ADJECTIVES.

EXAMPLE:



"CENTERED"



"FUNNY"

- DRAW GRIDS BY HAND OR USE GRID PAPER (DON'T FORGET YOU CAN USE DIAGONALS)
- USE HEAVIER MARK FOR SHOWING SECTION OR PATTERN.