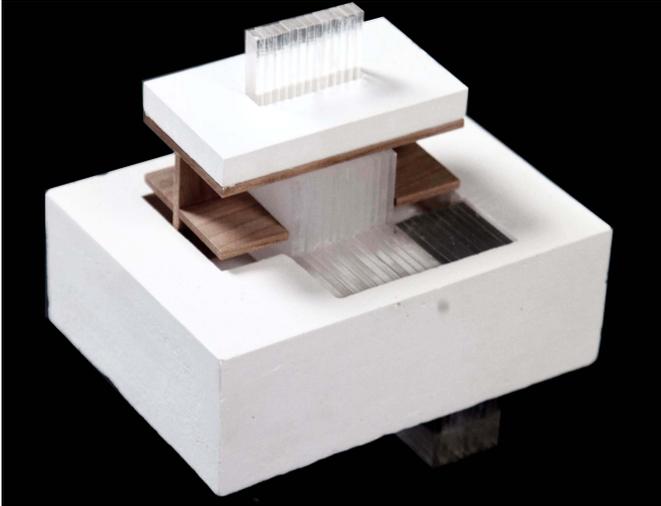


# DSGN1100/1200 Graduate Studio Session 2

## Poetic Transformation of Building Precedents

**Instructor: Kentaro Tsubaki, R.A.**  
Assistant Professor of Architecture



*Tectonic/Stereotomic Synthesis Model: L. Taylor*

### Introduction:

*"The discovery of meaningful architectural order should occur in the realm of perception, through the operations of making, of "concrete poetry" or poesis, derived from the challenge of materials and techniques..... Embodied making, involving a mind in a body, its flesh, pleasure and pain, searching for an order rooted in history, perception and materiality, is the opposite of the construction of an object or building through the implementation of conceptual, methodological tools, and formalist or technological processes. The product might represent a technique in the first instance, but the personal techniques endowed with a theoretical and historical content, and implemented in the project as deliberate acts of discovery, will become pregnant with meaning."*

Alberto Pérez-Gómez, *"MODERN ARCHITECTURE, ABSTRACTION, AND THE POETIC IMAGINATION."*

**poetic** |pō'etik| adjective.

of, relating to, or used in poetry: the muse is a poetic convention.

- written in verse rather than prose: a poetic drama.
- having an imaginative or sensitively emotional style of expression: the orchestral playing was colorful and poetic.

Architecture aims to evoke emotional and intellectual response through space, form and phenomenal qualities of physical construct. This segment of the summer studio examines the poetic nature of architecture through focused iteration. Through analytical transformation of building precedents, it aims to cultivate individual student awareness to the formal and spatial qualities of physical construct as they develop technical proficiency in the design process.

### Learning Objectives:

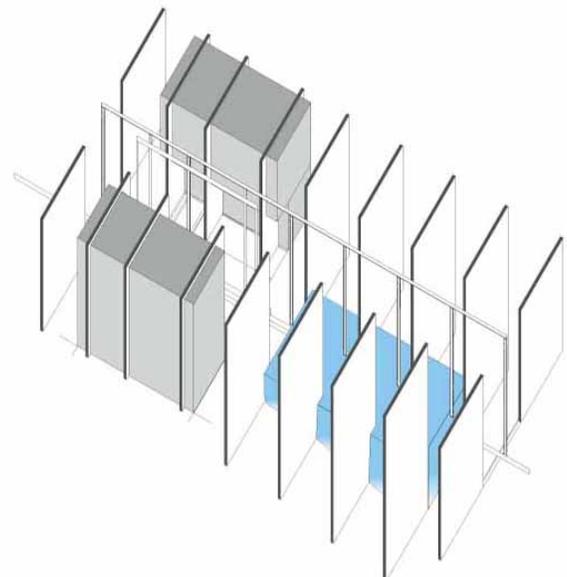
- ability to visually analyze building precedents through various representational methods (drawing and modeling)
- ability to generatively synthesize critical disposition toward precedents through various representational methods (drawing and modeling)
- ability to use various drawing types as a tool in the design and making process
- understanding of the phenomenal qualities of materials and assembly

### Media and Skills:

- cardboard, chipboard, foam core sketch model making
- crafted basswood/plexiglass model making
- plaster cast and negative formwork making
- digital diagramming
- charcoal subtractive tones drawings

We will begin with a discourse on the poetic nature of architecture in conjunction with a series of skill forming analytical exercises. As a synthesis, construction of exquisitely crafted tectonic / stereotomic models will follow. A series of process diagrams and drawings will accompany the model, establishing the conceptual framework for the following studio segment.

"Performance" is an empirical process of improvisation and adjustment through trial and error, a self-discovery process. "Student Performance" in the studio is also evaluated as such. Disciplined, self-directed recovery from a spectacular error is valued over mediocre success merely following the instructions.



*Analysis/Synthesis Diagram: B. Bradshaw*

**DSGN1100/1200 SU15 Session 2 (wk 4+5+6) Studio Outline**

(subject to change/adjustment)

| Week | Day / Time          | Subject / Focus   | Shop hours | TA hours |
|------|---------------------|---|------------|----------|
| 4.1  | Monday 06.29.15     | <b>Session 1. Review / Session 2. Intro.</b>  |            |          |
|      | 9am-noon            | (open - work on your own)   |            |          |
|      | 1-4pm               | Session 1. Review (Keil, Tsubaki, Holloman, Taube)                                  |            |          |
|      | 4-5pm               | Session 2. Introduction 2.41/2.42 (Tsubaki, Taube)                                  |            |          |
| 4.2  | Tuesday 06.30.15    | <b>Research/Documentation I</b>   |            |          |
|      | 9-10:30am           | Introduction to Architecture (Taylor)   |            |          |
|      | 10:30am-noon        | (open - work on your own)   |            |          |
|      | 1-3pm               | 2.41 Discourse: Poetics, Abstraction and Architecture                               |            |          |
|      | 3-6pm               | 2.42 Group Work: Precedents Research and Documentation                              |            |          |
|      | 7pm-                | (open - work on your own)   |            | 7-9pm    |
| 4.3  | Wednesday 07.01.15  | <b>Research/Documentation II</b>  |            |          |
|      | 9-10:30am           | Introduction to Architecture (Taylor)   |            |          |
|      | 10:30am-noon        | (open - work on your own)   |            |          |
|      | 1-3pm               | 2.42 Research Presentation  |            |          |
|      | 3-6pm               | 2.42 Drawings Pin-up Critique / Intro to 2.43: Analysis/Synthesis                   |            | 3-6pm    |
|      | 7pm-                | (open - work on your own)   |            | 7-9pm    |
| 4.4  | Thursday 07.02.15   | <b>Analysis/Synthesis I</b>   |            |          |
|      | 9-10:30am           | Introduction to Architecture (Taylor)   |            |          |
|      | 1-3pm               | Pin-up critique 2.43 (Take I)   |            | 1-3pm    |
|      | 3-6pm               | Desk Crits (Tsubaki)  |            |          |
|      | 7pm-                | (open - work on your own)   |            | 7-9pm    |
| 4.5  | Friday 07.03.15     | <b>Open</b>   |            |          |
|      |                     | (no work scheduled)   |            |          |
| 4.6  | Saturday 07.04.15   | <b>Open</b>   |            |          |
|      |                     | (no work scheduled)   |            |          |
| 4.7  | Sunday 07.05.15     | <b>Open</b>   |            |          |
|      |                     | (work on your own)  |            | 2-4pm    |
| 5.1  | Monday 07.06.15     | <b>Analysis/Synthesis II</b>  |            |          |
|      | <b>10:00am-noon</b> | <b>Digital Media Workshop - Digital Diagrams (Hickman)</b>                          |            |          |
|      | 1-4pm               | Pin-up critique of Assignment 2.43 (Take II) / Intro to 2.51: Poetic Transformation |            | 1-3pm    |
|      | <b>4-6pm</b>        | <b>Sketch Model Workshop</b>  |            |          |
|      | 7pm-                | (open - work on your own)   |            | 7-9pm    |
| 5.2  | Tuesday 07.07.15    | <b>Poetic Transformation I</b>  |            |          |
|      | 9-10:30am           | Introduction to Architecture (Taylor)   |            |          |
|      | 10:30am-noon        | (open - work on your own)   |            |          |
|      | 1-3pm               | Pin-up critique 2.51 (Take I)   |            | 1-3pm    |
|      | 3-6pm               | Desk Crits  |            |          |
|      | 7pm-                | (open - work on your own)   |            | 7-9pm    |

| Week       | Day / Time             | Subject / Focus   | Shop hours       | TA hours |
|------------|------------------------|---|------------------|----------|
| 5.3        | Wednesday 07.08.15     | <b>Poetic Transformation II</b>   |                  |          |
|            | 9-10:30am              | Introduction to Architecture (Taylor)   |                  |          |
|            | 10:30am-noon           | (open - work on your own)   |                  |          |
|            | 1-3pm                  | Pin-up critique 2.51 (Take II) / Intro to 2.52: Tectonic/Stereotomic Transformation           |                  | 1-3pm    |
|            | 3-6pm                  | Desk Crits (Tsubaki)  |                  |          |
|            | 7pm-                   | (open - work on your own)   |                  | 7-9pm    |
| 5.4        | Thursday 07.09.15      | <b>Tectonic/Stereotomic Transformation I</b>  |                  |          |
|            | 9-10:30am              | Introduction to Architecture (Taylor)   |                  |          |
|            | <b>10:30am-noon</b>    | <b>Shop Certification</b>   | <b>10am-noon</b> |          |
|            | 1-3pm                  | Pin-up critique 2.52 (Take I)   |                  | 1-3pm    |
|            | 3-6pm                  | Desk Crits (Tsubaki)  |                  |          |
|            | 7pm-                   | (open - work on your own)   |                  | 7-9pm    |
| 5.5        | Friday 07.10.15        | <b>Tectonic/Stereotomic Transformation II</b>   |                  |          |
|            | 9-10:30am              | Introduction to Architecture (Taylor)   |                  |          |
|            | <b>10:30am-1pm</b>     | <b>Model Making Workshop (Basswood / Plexi Glass) Demo (Richards)</b>                         | <b>10am-4pm</b>  | 1-6pm    |
|            | 2-4pm                  | Model Making Workshop Individual Practice   |                  |          |
|            | 4-6pm                  | Pin-up critique 2.52 (Take II)  |                  |          |
|            | 7pm-                   | (open - work on your own)   |                  | 7-9pm    |
| 5.6        | Saturday 07.11.15      | <b>Tectonic/Stereotomic Transformation III</b>  |                  |          |
|            | 9am-noon               | (open - work on your own)   |                  |          |
|            | <b>1-3pm</b>           | <b>Plaster Cast Workshop</b>  |                  | 1-3pm    |
|            | 3-6pm                  | Desk Crits  |                  |          |
|            | 7pm-                   | (open - work on your own)   | 7-10pm           | 7-9pm    |
| <b>5.7</b> | <b>Sunday 07.12.15</b> | <b>Open</b>   |                  |          |
|            |                        | (work on your own)  | 3-6pm<br>7-10pm  | 2-4pm    |
| 6.1        | Monday 07.13.15        | <b>Fabrication/Representation I</b>   |                  |          |
|            | 9am-noon               | (open - work on your own)   |                  |          |
|            | 1-3pm                  | Pin-up Critique 2.52 (Take III - w/ plaster cast) / Intro to 2.61: Fabrication/Representation |                  | 1-3pm    |
|            | 3-6pm                  | Desk Crits  | 3-6pm            |          |
|            | 7pm-                   | (open - work on your own)   | 7-10pm           | 7-9pm    |
| 6.2        | Tuesday 07.14.15       | <b>Fabrication/Representation II</b>  |                  |          |
|            | 9-10:30am              | Introduction to Architecture (Taylor)   |                  |          |
|            | 10:30am-noon           | (open - work on your own)   |                  |          |
|            | 1-3pm                  | Pin-up Critique 2.61 (Take I)   |                  | 1-3pm    |
|            | 3-6pm                  | Desk Crits  | 3-6pm            |          |
|            | 7pm-                   | (open - work on your own)   | 7-10pm           | 7-9pm    |
| 6.3        | Wednesday 07.15.15     | <b>Fabrication/Representation III</b>   |                  |          |
|            | 9-10:30am              | Introduction to Architecture (Taylor)   |                  |          |
|            | 10:30am-noon           | (open - work on your own)   |                  |          |
|            | 1-3pm                  | Pin-up Critique 2.61 (Take II)  |                  | 1-3pm    |
|            | 3-6pm                  | Desk Crits  | 3-6pm            |          |
|            | 7pm-                   | (open - work on your own)   | 7-10pm           | 7-9pm    |

| Week | Day / Time        | Subject / Focus                                    | Shop hours      | TA hours |
|------|-------------------|--|-----------------|----------|
| 6.4  | Thursday 07.16.15 | <b>Fabrication / Representation IV</b>             |                 |          |
|      | 9-10:30am         | Introduction to Architecture (Taylor)              |                 |          |
|      | 10:30am-noon      | (open - work on your own)                          |                 |          |
|      | 1-3pm             | Pin-up Critique 2.61 (Take III)                    |                 | 1-3pm    |
|      | 3-6pm             | Intro to 2.62: Session 2 Final Review Requirements | 3-6pm           |          |
|      | 7pm-              | (open - work on your own)                          | 7-10pm          | 7-9pm    |
| 6.5  | Friday 07.17.15   | <b>Exhibition Preparation</b>                      |                 |          |
|      | 9-10:30am         | Introduction to Architecture (Taylor)              |                 |          |
|      | 10:30am-noon      | (open - work on your own)                          |                 |          |
|      | 1-6pm             | Desk Crits - Final Review Preparation              | 3-6pm           |          |
|      | 7pm-              | (open - work on your own)                          | 7-10pm          | 7-9pm    |
| 6.6  | Saturday 07.18.15 | <b>Exhibition Preparation</b>                      |                 |          |
|      | 9am-noon          | (open - work on your own)                          |                 |          |
|      | 1-6pm             | Desk Crits - Final Review Preparation              | 3-6pm           |          |
|      | 7pm-              | (open - work on your own)                          | 7-10pm          | 7-9pm    |
| 6.7  | Sunday 07.19.15   | <b>Open</b>  |                 |          |
|      |                   | (work on your own)                                 | 3-6pm<br>7-10pm | 2-4pm    |
| 7.1  | Monday 07.20.15   | <b>Exhibition / Review</b>                         |                 |          |
|      | 9am-noon          | (open - work on your own)                          | 9am-noon        |          |
|      | 11am-1pm          | Exhibition Installation                            |                 |          |
|      | 1-5pm             | Project Review (Tsubaki / Holloman / Keil / Taube) |                 |          |