

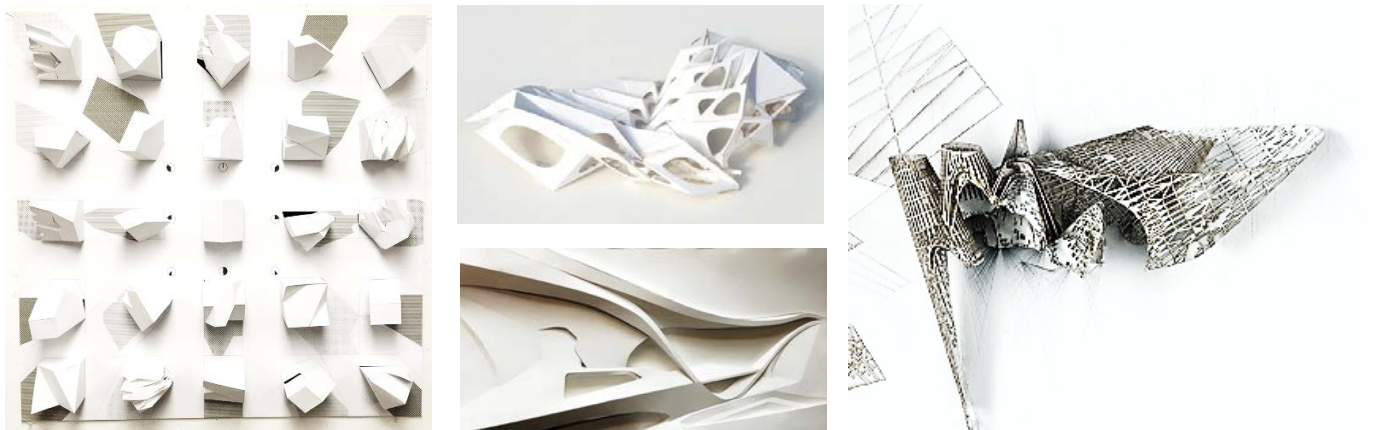
An Incubator Workshop

GENERATIVE INQUIRIES

A seminar in architectural modeling

ARCH 4833 (CRN 30964) / ARCH 8833 (CRN 30965)
Spring 2016 / Tuesday + Thursday / 9:35AM-10:55AM
Location: Digital Fabrication Lab

Course Instructor:
Visiting Assistant Professor Katherine Wright
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Mapping to Massing

Reference, Trace, Add/Subtract, Divide

+

Pattern v. Folds

Texture, Ornament, Tectonics, Spatial Relief

This course aims to examine modelling as a *generative* tool for architectural inquiry and problem solving. Students will explore a wide variety of materials, tools (hand held & machine), and types of study (aka “process”) models related to a set of given architectural problems. We will be working in the Digital Fabrication Lab, exploring cutting edge techniques.

Students should expect to come away from the course with an ability (the know-how) to deploy modeling skills as a way to begin, experiment, and solve architectural problems. Students should also expect to develop new techniques while refashioning old ones in the advancing of their craft.

We will treat this course as an incubator by: (1) exposing ourselves to model making techniques, materials, tools, and types; (2) studying generative methodologies for architectural form; and (3) exploring the model as a tool for problem solving in architectural design.

Paper / Museum board / Plaster / Acrylic / Resin / Fibers / Basswood / Plywood / x-acto / CNC / Laser / DFL