

# FABRICATING AN EVENT(S) SPACE

## Furnishing Buildings / Building Furniture



### **ARCH 4833 JL- ARCH 8831JL**

Credits: 3.00, 3:05-4:25 pm, Digital Fabrication Lab and Architecture (East) 107, Spring 2017  
W. Jude LeBlanc Russell Gentry, Scott Marble, and Jake Tompkins Instructors

**Design Project:** This DESIGN/BUILD workshop/studio will culminate in a permanent intervention sited at the Hinman courtyard. The course is organized around a central question:

How might design between the scale of architecture and furniture, with a primary emphasis on technologies of fabrication and material research, shape the use and perception of shared space?

In addition to this primary inquiry, research regarding the larger context of architectural discourse related to communication, expression and meaning will be relevant to both the process and the product.

**Site:** The project site is of the highest quality. The architect P. M. Heffernan, while dean of the College of Architecture, designed the original Hinman Research facility. It was subsequently renovated and repurposed by Nader Terani and Monica Ponce de Leon, then principals in the firm “Office dA”. Terani is now dean of architecture at The Cooper Union School of Architecture and Ponce de Leon I is dean of Princeton University. Jack Pyburn of Lord, Aeck & Sargent, is largely responsible for sensitivities to preservation in the renovation. Leo Alvarez, principal of Perkins+ Will, also a long-term academic, recently designed the courtyard immediately adjacent to Hinman. All three of these projects reflect the intelligence and sensibilities of the respective authors. The resultant environment is uncommon in design sophistication and material quality. The latter two projects also reflect the influence and judgment of Howard S. Wertheimer, Director of Capital Planning & Space Management, who will be involved as client in what will be a new small-scale addition.

**Course Structure.** Material tests and experiments will be a unique and central characteristic of the term. The course consists of individual and group exercises, including:

- Participation in discussions
- Intense material tests and prototyping at the ADL
- Design exploration at nested scales, from that of the body, to material detail, to the local outdoor space(s), to the adjacent buildings, etc.
- Basic design and design development drawings and models, presentation images and models, full fabrication instructions, and finally, fabrication to be completed in the summer session

Students that elect to enroll in this course are also encouraged to participate in a scheduled follow-up course that will be offered in the summer. The bulk of the actual installation will occur during this summer session.

This course will be open to PhD students, upper level graduate students and undergraduate third and fourth year students in both Architecture and Industrial Design Schools. Students who intend to enroll in this course should be able to express themselves visually or be willing to devote energy to quickly acquire this skill.