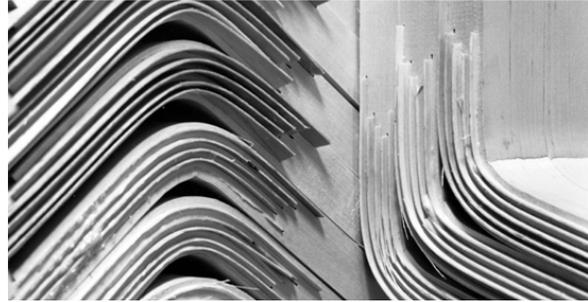


UF | SoA ARC 6911.1A75 | Fall 2018
Studies in Craft | Furniture Design + Fabrication Seminar/Workshop

Seminar ARC Tu 5-6 11:45a -1:40p
Workshop ARC Th 5-6 11:45a -1:40p

Professor: Stephen Belton
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Scope

The design and fabrication of furniture represents the touchstone of our engagement with the material world, both as designers and users. Furniture maintains a critical link with architecture, both as bookending the smaller scale of form and space as it engages human occupation and use, and as a scaled distillation of the evolving interplay between form, materiality and fabrication. Within the Modernist movement furniture became a focused study by both architects and industrial designers between material form and the methods of industrial production. Today's advancements in CAD/CAM design fabrication present new questions regarding the dialectic of human and machine, and in turn new challenges and new opportunities in the exploration of craft.

Students will combine methods of the hand, machine and computer to develop a furniture design piece of their choosing. The semester will begin by researching both historical and contemporary material and fabrication processes. From this collective research and discussions, each student will develop a line of inquiry regarding material form and process, leading to the design, prototyping, and finished fabrication of their individual furniture piece.

Schedule

The class is divided into four sections, each building upon the previous in scale and the questions being asked:

Part 1: Material types and processes research (2 weeks)

Part 2: Furniture concepts through progressively scaled mockups (4 weeks)

Part 3: Design development through prototype testing (5 weeks)

Part 4: Final fabrication of furniture design (4 weeks)

Requirements

The seminar is limited to 15 students. Strong 3d modeling skills are strongly recommended but not required. Fablab registration is required. In addition, students should expect to spend \$400-\$800 throughout the course on materials depending on their specific research and design proposal.