



Subject_Object

Course Overview

Human-centric design today requires a recalibration of design methodologies towards connection, empathy, and agency. *Subject_Object* will explore the tectonic and poetic potential of materials to express and connect disparate agents/ environments through fabrication methodologies that are site specific and sustainable. The latent sensory and emotional potential of materials, and their combined Neuroaesthetic effects, will be a focus of the exploration of the course. Participants will be asked to identify three disparate or different spaces/places they would like to connect. They will isolate three found objects, one from each space or place, and work with a fourth connective, sustainable material to connect the three objects. Connective fabrication typologies will be explored to express unexploited adjacencies and create a new unified form, based on the materials identified by each participant. Exploring the logic of difference and unity through material connection, the resulting works will be assembled in a unified installation created by the class. The course will encourage research into sculptural fabrication techniques and will progress from documentation and ideation through design and detailing to fabrication of the newly found object.

Lectures + Site Visits

Each week we will review a fabrication technique through a sculptural installation, its associated materials, and their properties.

We will visit 3 fabrication studios around the city to learn about multimodal fabrication possibilities including digital fabrication techniques.

Deliverables

- Documentation of sites and objects chosen
- Presentation of connective strategies considered along with examples of precedents.
- Design of connected and new "Subject"
- 2D detail drawings
- 3d detail drawings
- Fabrication process documentation
- Class compiled book

Prerequisites

Students enrolling in this course should be familiar with basic shop equipment and safety protocols.

Students should complete any shop safety course prior to the first day of class.

Students may be required to work in groups of 2.

Schedule

Week 1:

Class Introduction

Lecture 1 Connections and connectors

Next week deliverable: Visual documentation of sites/objects

Week 2:

Precedent analysis and strategy identification

Next week deliverable, *Subject_Object* schematic design

Week 3:

Lecture 2: Artistic process and fabrication

Material strategies review

Next week deliverable, *Subject_Object* design development

Week 4:

Detail review

Next week deliverable, 2D details

Week 5:

Lecture 3 : Material structures

Construct review + mid review work session

Week 6:

Mid Term Reviews

Week 7:

Lecture 4: Fabrication studio visit

Next week deliverable, *Subject_Object* Fabrication - Stage 1

Week 8:

Detail review

Next week deliverable, *Subject_Object* Fabrication - Stage 2

Week 9:

Lecture 5: Fabrication studio visit

Construct review

Next week deliverable, *Subject_Object* Fabrication - Stage 3

Week 10:

Detail review + work session

Next week deliverable, *Subject_Object*

Week 11:

Class combined assemblage

Construct review + work session

Week 12:

Final Review

Site Visits:

Bednark Studios , Navy Yards

Event Scape , LIC

Hush , Navy Yards

Michalik studio , Brooklyn