



ARC434
 spring2017-2018 **design**
Fabrication
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how to design things? what to do in
 how to fabricate things? FABFEST18?
 how to design the fabrication process?

This course intends to answer these essential questions and familiarize students with digital and manual fabrication tools as well as methods of fabrication to emphasize how design and fabrication technologies affect each other reflexively.

Course is composed of modules investigating different aspects of design fabrication. *Material Manipulations* delve into subtractive tooling methods and material manipulations whereas *Assembly* explores embedded joints and external joints. Final module weaves all the know-how towards the realization of a full scale pavilion to be exhibited at the FABFEST 2018 in London.

Lectures on methodology and tooling are accompanied with hands-on workshop hours and tutored fabrication process design. Every module is finalized with an assignment, where the students are expected to work in groups.