CRAFTING MATERIAL INTERFACES

MAS S62, E14-493

Instructor: Leah Buechley

Tuesdays 3-6pm

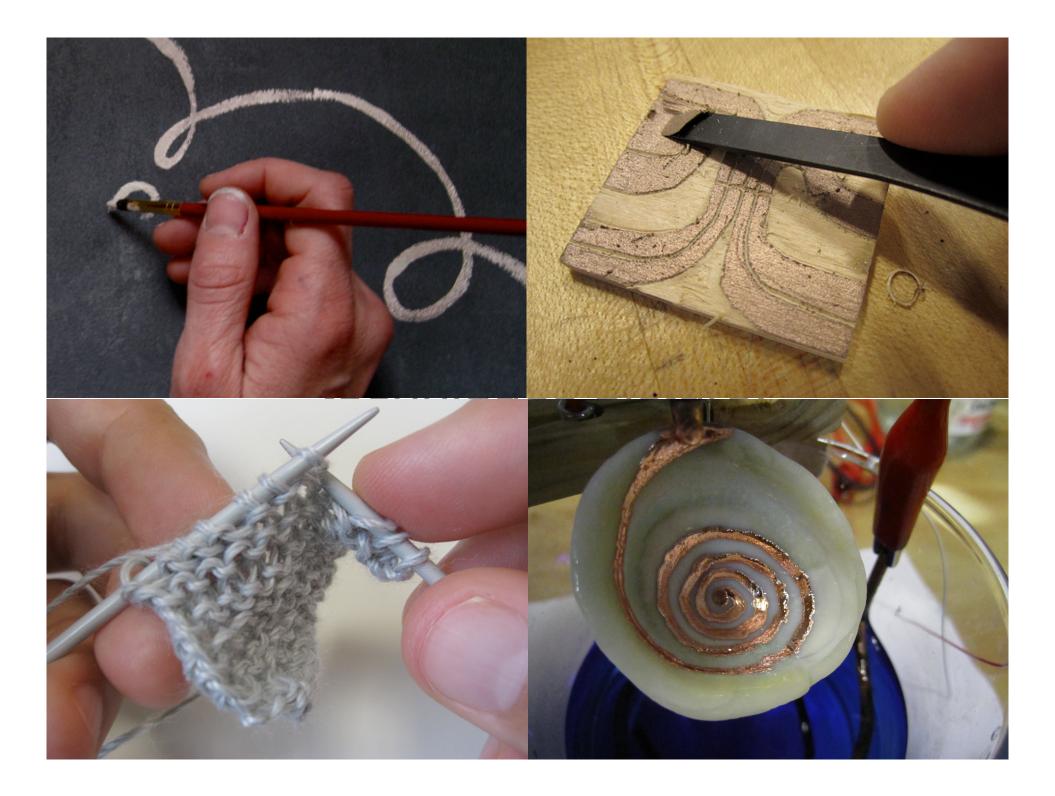
http://material.media.mit.edu/

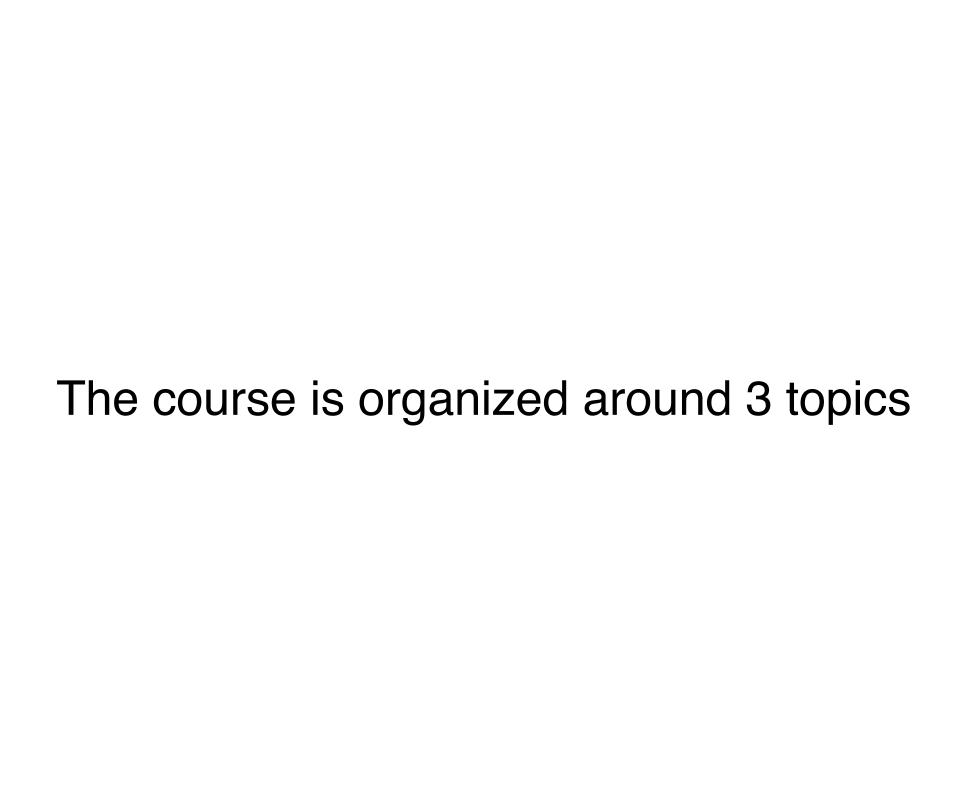
This course will explore...

MATERIALS



TECHNIQUES



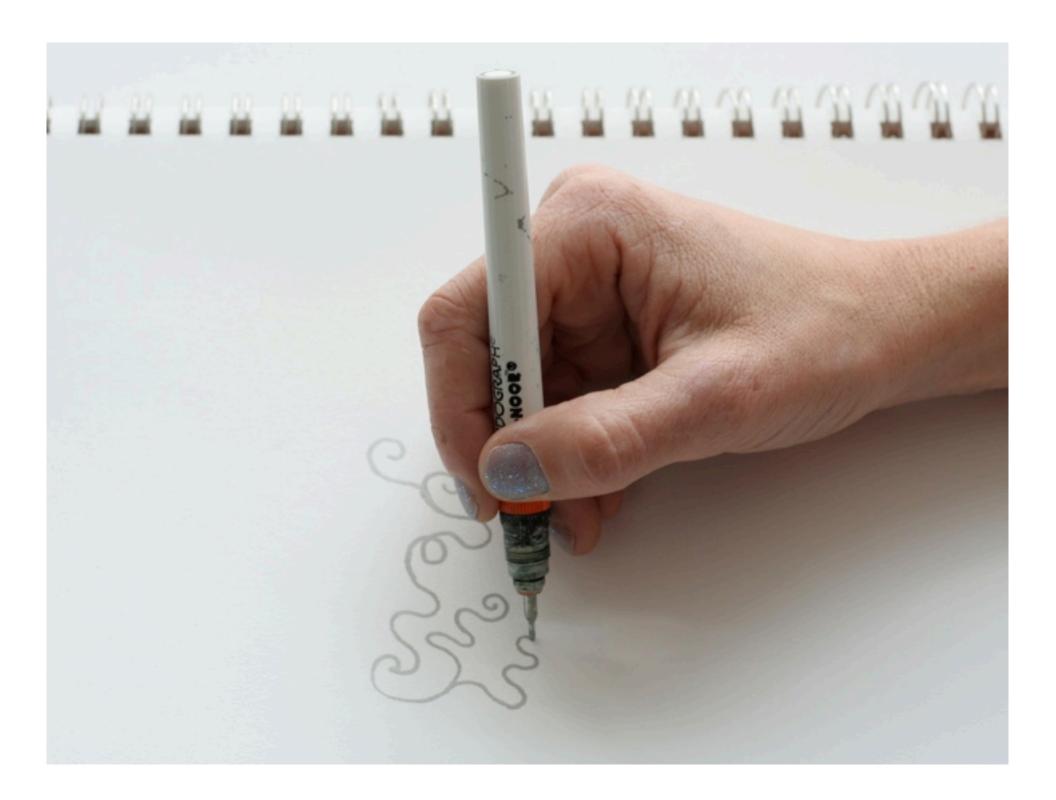


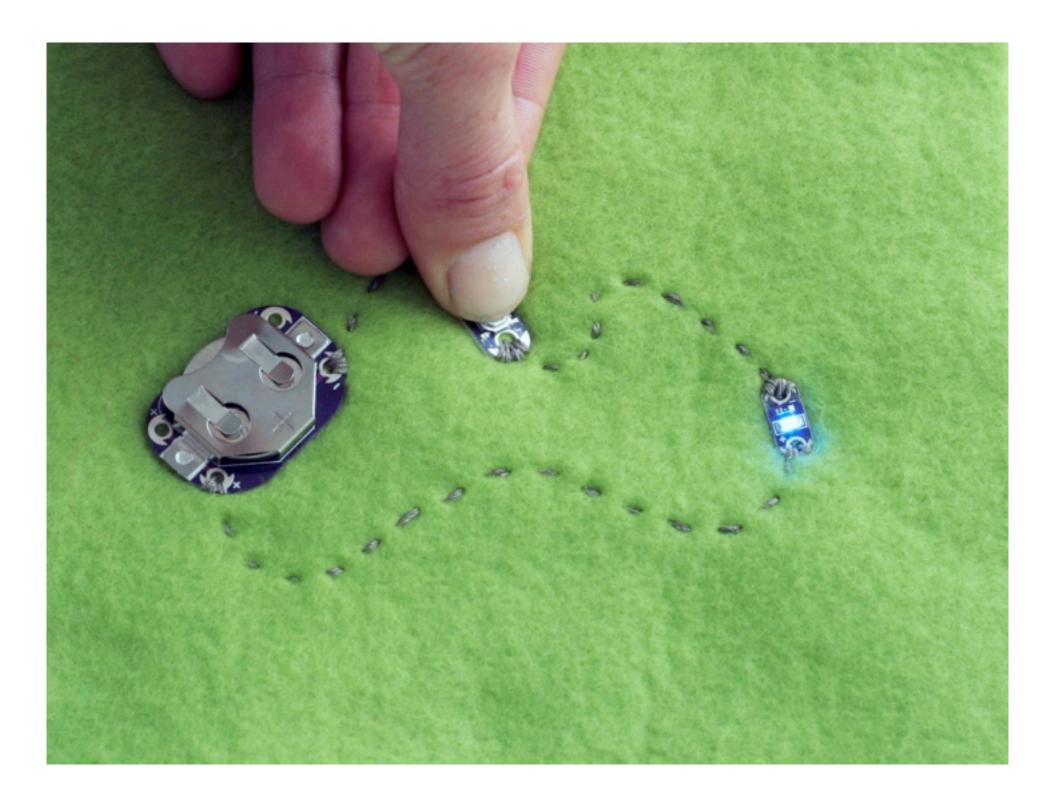
CONDUCTIVE MATERIALS INPUTS OUTPUTS

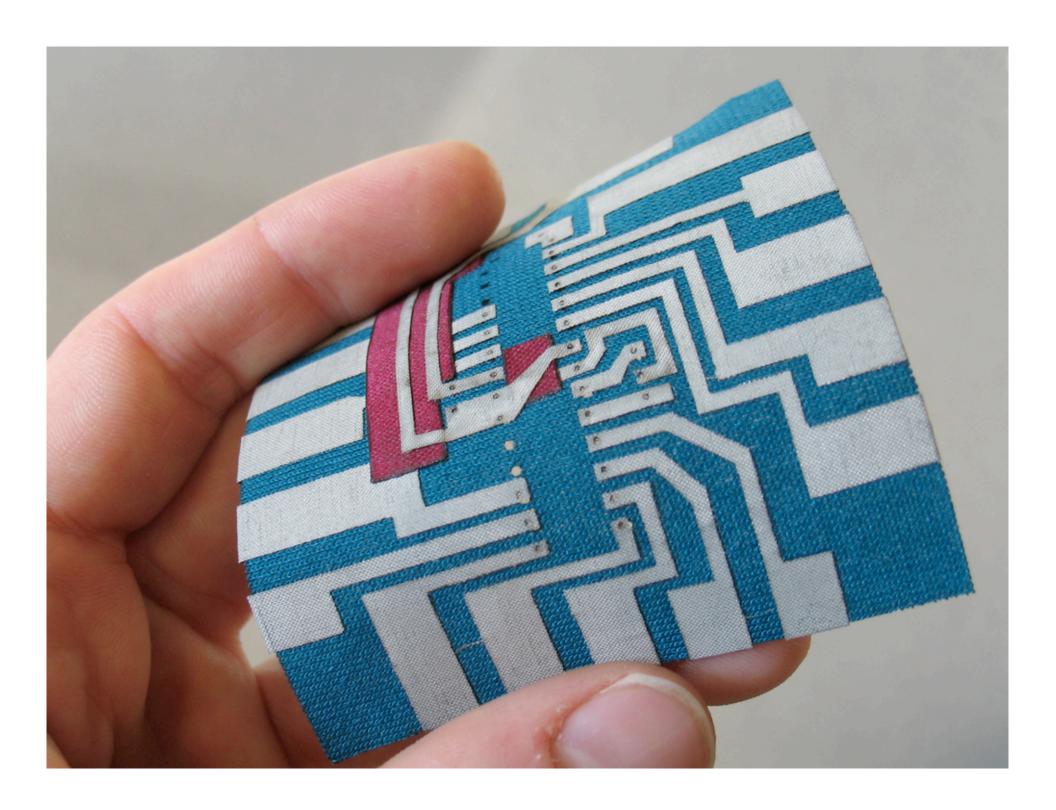
input - electricity - output

CONNECTORS (CONDUCTORS) INPUTS OUTPUTS

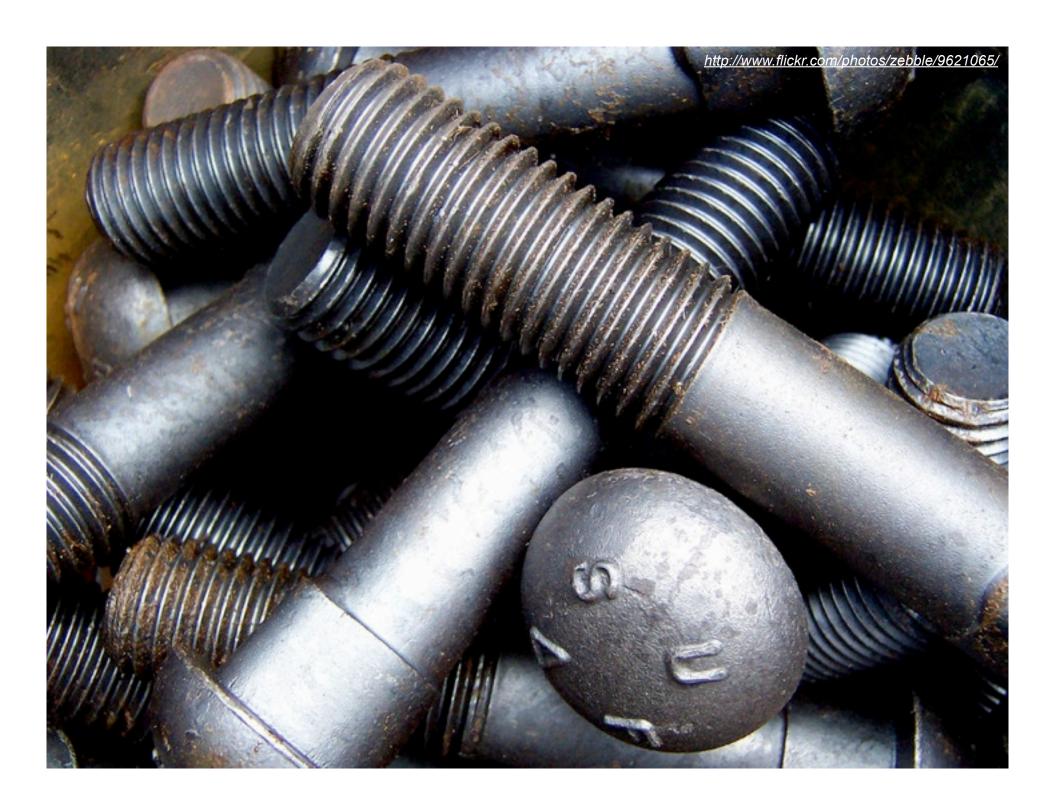
CONDUCTIVE MATERIALS













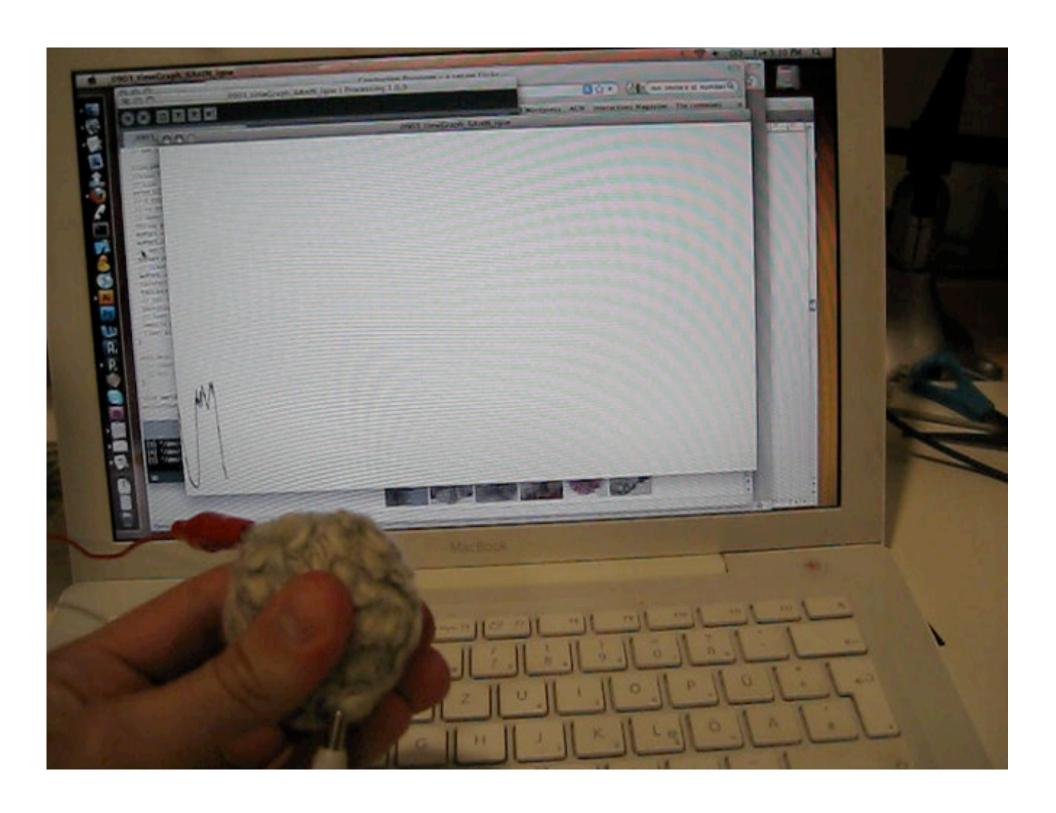




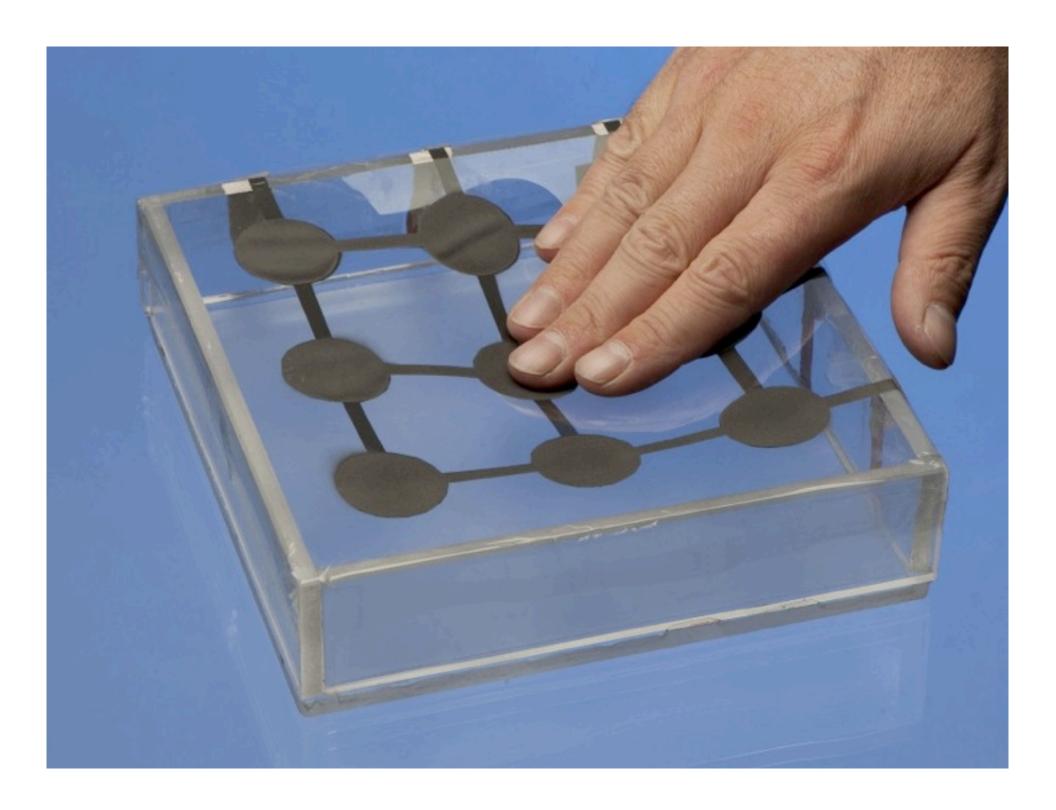
INPUTS

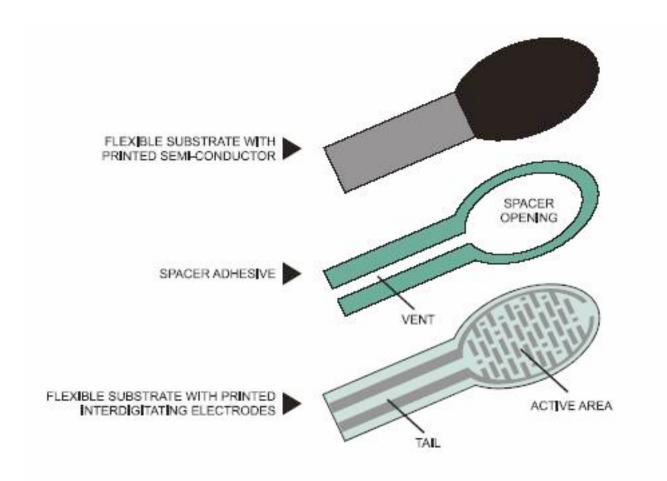


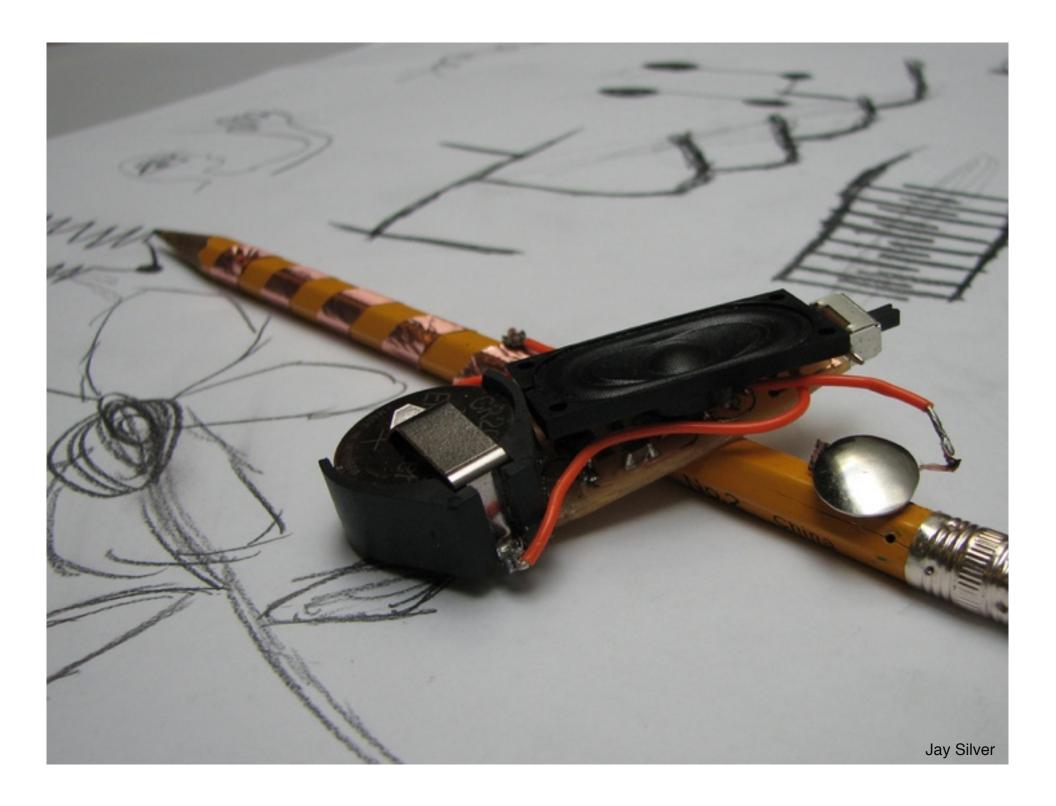






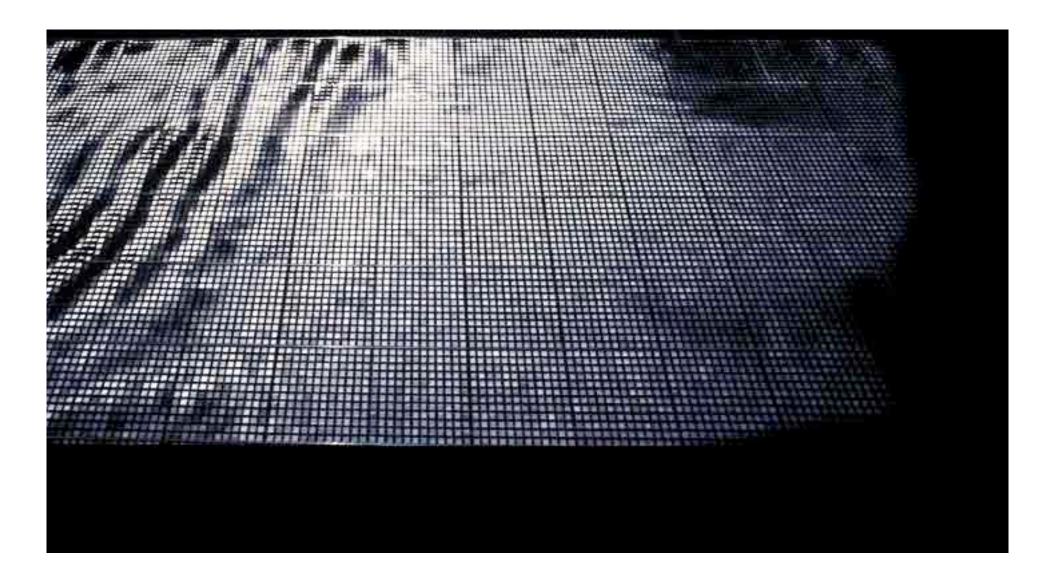


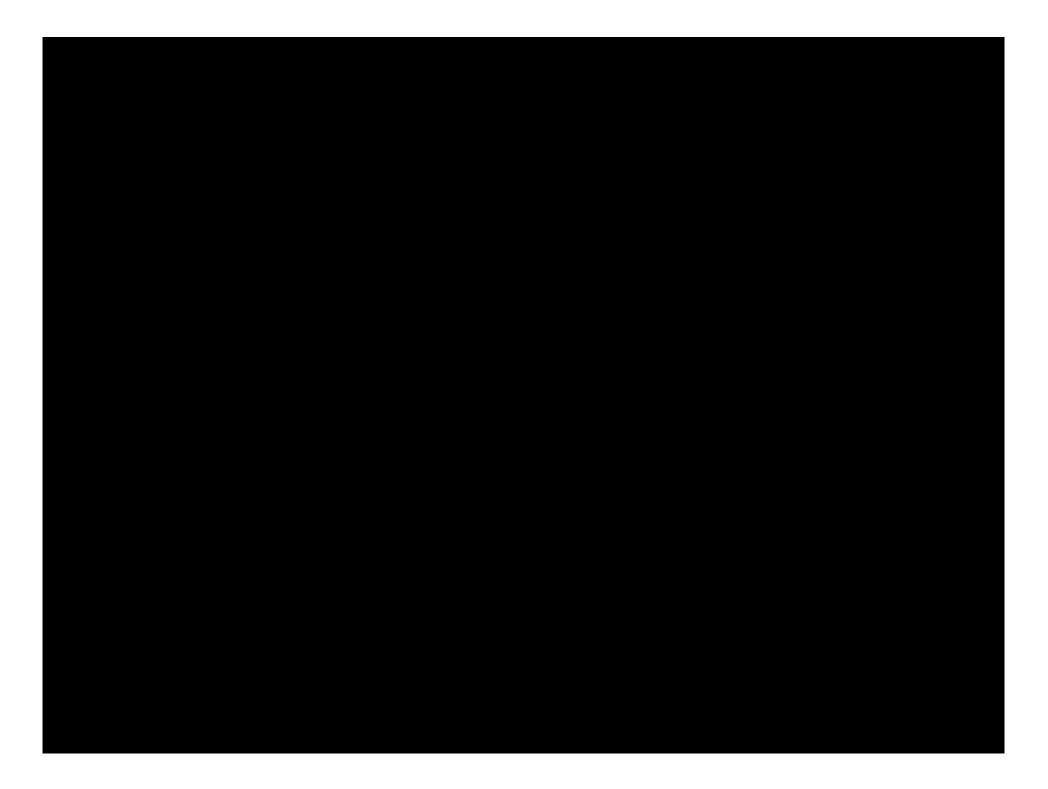




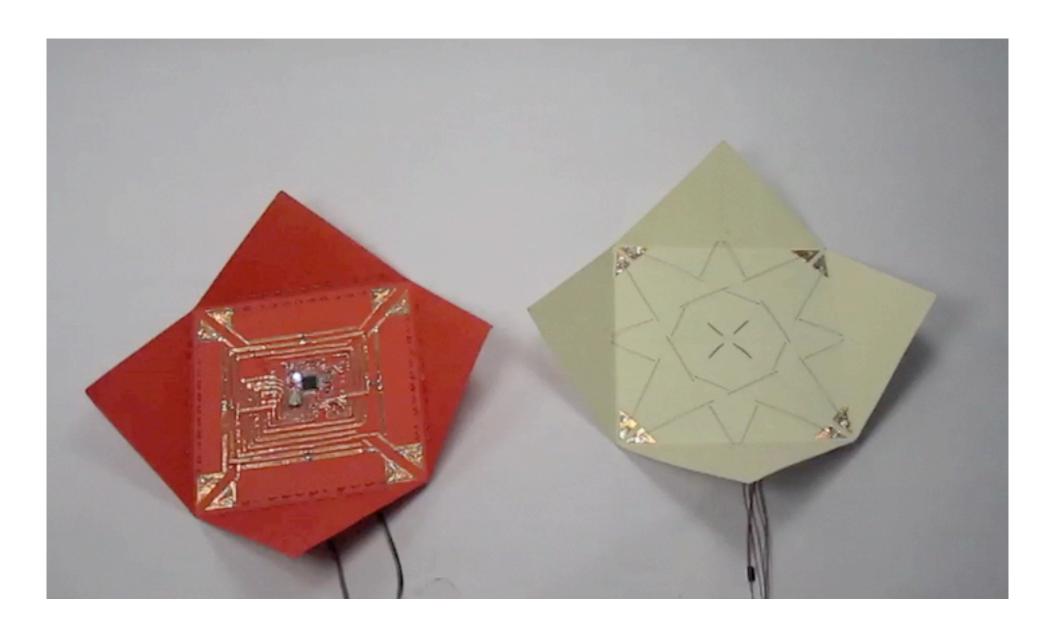


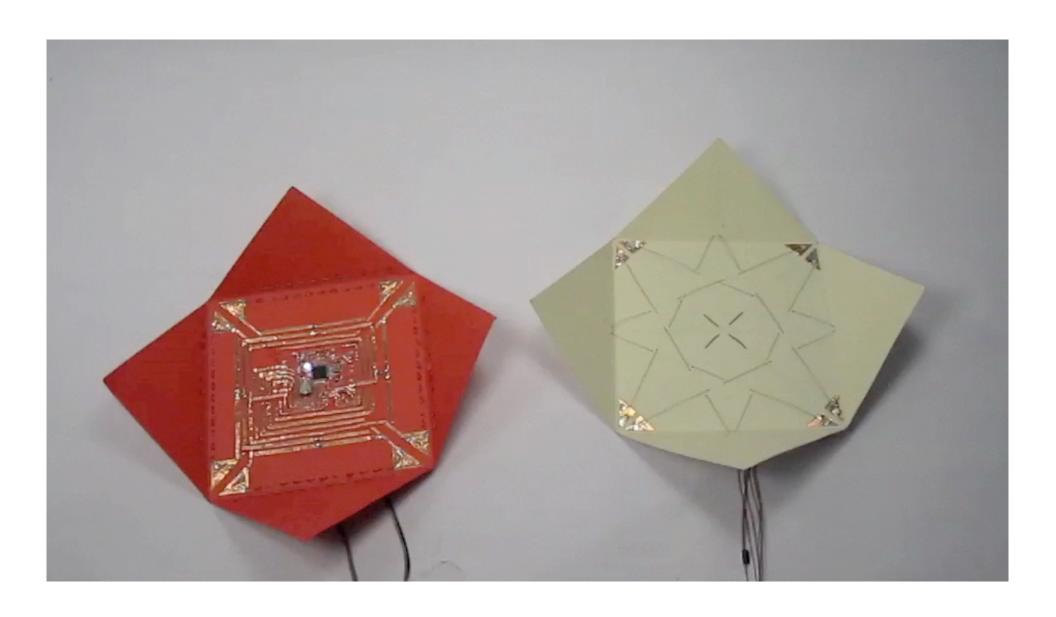
OUTPUTS

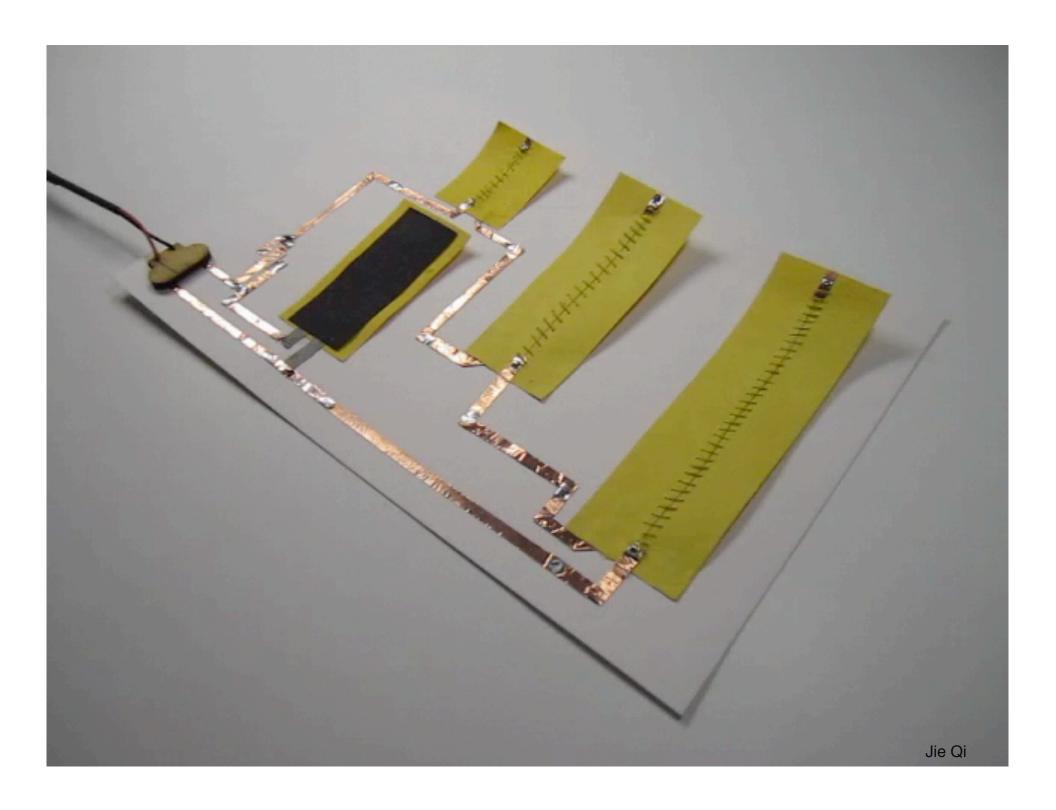




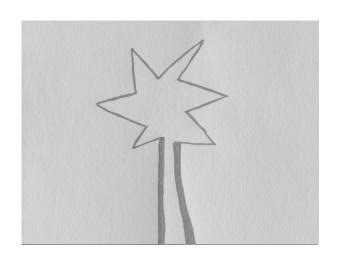


















Class nuts & bolts...

Grading

30% research projects 30% hands-on projects 30% final project 10% class participation

Schedule

Section1: Connectors/Conductive Materials (3 weeks)

week 1: lecture and lab

week 2: research presentations

week 3: project presentations

Section 2: Inputs (3 weeks)

week 1: lecture and lab

week 2: research presentations

week 3: student project presentations

Final Project Proposals

Section 3: Outputs (3 weeks)

week 1: lecture and lab

week 2: research presentations

week 3: project presentations

Final Project Presentations

Research projects will focus on

- Understanding the electrical and mechanical properties of materials
- Finding suppliers of materials
- Exploring previous design, art and engineering projects

First Assignment

create an account on the class website: http://material.media.mit.edu/wp-admin

fill out the course survey

http://material.media.mit.edu/