# ***Soft Fabrication Skills***

CMU Micro-course
Instructor:
Natalya Pinchuk

Course & materials designed by:
Jen Liu and Olivia Robinson

# Overview

This course aims to provide hands-on experience and knowledge on the process of working with textiles and soft fabrication techniques to be applied across different disciplines.

The fabrication skills and concepts that will be covered in this course will be taught from an interdisciplinary approach to merge practices in arts and technology. Students will learn methods of sculpting with fabric, along with merging aspects of digital fabrication and physical computing using flexible materials.

# *Class Structure*

- Saturdays 1/25, 2/1, 2/8
- 1:00-3:50pm class time
- 4:00-6:00pm lab time
- Demo and discussions (3 hrs)
- Open Lab (2 hrs)
- Deliverables: Sample booklet and project (due February 22)

Syllabus and slides: https://courses.ideate.cmu.edu/99-352/s2020/

# Sample Book

- Collection of different techniques and samples that can be used a reference tool
- 1″ binder + plastic sheets

# *Project*

**For the final project, students will further investigate a skill covered or create a project proposal that incorporates techniques from the class.**
**http://ideate.xsead.cmu.edu/users/sign_in**

**Due: February 22**
**IDEATE gallery documentation**

Proposal Option: You will create a proposal for a project that utilizes techniques or concepts covered in the class. This project could be for another class or be for personal inquiry. Make sure to include:

- Sketches
- Write up of materials
- Techniques and Concepts used

Skill Investigation Option: You will learn a new textile skill and create a sample to show what you have learned. This skill could be one that we discussed in class (but did not cover in a demo) or one for personal inquiry. Make sure to include:

- Photos of your sample
- What resources and guides used
- What materials used
- Possible applications