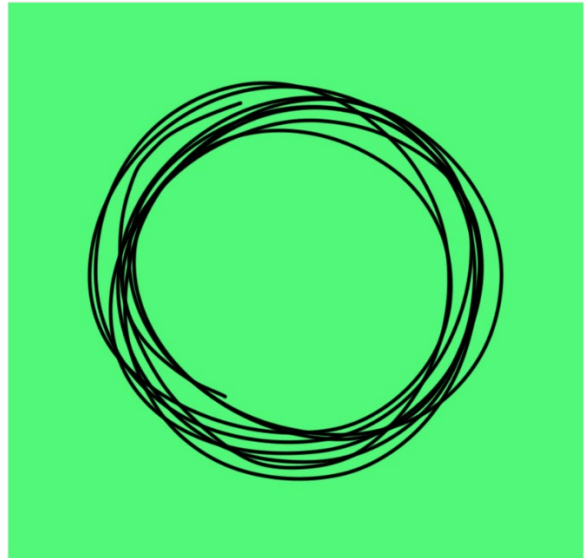


EID/ME 416



Materials in a Circular Economy

TUES 6-9PM

3 CREDITS / FALL 2019

ARCHITECTURE AND ART STUDENTS ENCOURAGED TO APPLY

ENGINEERING PREREQUISITE: ESC 210 / ChE 211*

*This course is open to all students, including art and architecture students, with appropriate materials backgrounds and permission of instructor. Please email michael@honesthands.co with questions.

- Impacts of materials, processes, and forms
- Contemporary research on responsible design
- Properties, extraction, processing, and end-of-life reuse

Instructor: Michael Petralia, S.M., E.I.T.

Harvard University, SM, soft mechanical systems and materials science

The Cooper Union, BE, low curie point relay

The Leonardo Museum; Engineering Consultant; Worked with NYS DOT, Rockwell Group, AECOM Tishman, Granite Construction, GID, and The Standard Hotel; The Cooper Union Center for Innovation and Applied Technology Research Associate and Co-Author