

DIGITAL FABRICATION

ART 4753

SU_24

HOWELL 110

MONDAY - FRIDAY

1:00 - 4:50

[COURSE WEBSITE](#)

F2F

INSTRUCTOR(S)

AUBREY POHL

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[Follow Aubrey on](#)

[Thingiverse \(3d models\)](#)

3D PRINT DEMO / FUSING IN FUSION!

PROJECT DESCRIPTION

In this project, students will engage in 3D printing processes in order to familiarize themselves with the workflows and methods of 3D printing technology.

Students will be asked to work in groups of two in order to combine two .stl models into one, learning the basics of modeling in Fusion, and in turn 3D print the new object into fabrication.

TASK

- FOLLOW THE DEMO (NO PHONES!!)
- GET INTO GROUPS OF TWO
- EACH DESIGNER SHOULD SELECT ONE OF THE MODELS FROM THIS FOLDER: [3D DEMO MODELS](#)
- WORK TOGETHER TO COMBINE, EDIT, AND PREPARE MODELS IN A SINGLE FILE FOR 3D PRINTING
- EXPORT AS .STL FILE

Your exported .stl file should be solid and well prepared for the 3D printing process. Further instructions will be given in demonstration and tutorial.

TIMELINE

DAY 01 Introduction to tools and processes
3D Print / Fusion tutorial & demo

HOMEWORK Work with your partner to edit and prepare your model(s) for printing.

DAY 02 Printing day
*each group will print one demo model
Presentation of outputs