

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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PLASMA CUT DEMO

PROJECT DESCRIPTION

By creating a textual design to be executed on metal, you will gain skill in working with the CNC Plasma Table. By preparing your file, you will become acquainted with technical requirements and the process of creating a g-code.

TASK

- Create a text design within a 11.5x15.5" artboard
- Export design to Fusion, create a g-code
- Cut design on plasma table
- Clean up metal, polish and/or paint

Your completed study should reflect comprehension of the process. Successful CNC plasma cut pieces have appropriate bridging and thickness to prevent detail loss.

TIMELINE

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|--------|---|
| DAY 01 | Introduction to tools and processes
Prepare file |
| DAY 02 | Cut and finish
Presentation of Outputs |