3D Printing Project Form

- Fill out the form below and email along with your STL to digitallab@mcad.edu
- New 3D printing requests will be processed Monday – Friday 9am – 5pm
- Allow 3-5 days for completion of 3D prints. Time may vary based on availability of printers or materials.
- Watch you email for communication from digital lab staff. Slow responses may delay completion of 3D prints.
- To be ready to 3D print you must:
    - Have a 3D model that is exported as an STL
    - Your 3D model must be sized appropriately
    - Your 3D model must be a solid object with dimension and thickness
    - Your 3D model must be approved by digital lab staff
    - Select the 3D printer and color of material you would like to use
    - Have enough money in your Papercut account
    - Approve the quote provided to you by digital lab staff on the cost of your print
- Check the Digital Lab website for more information on preparing your project.
- Digital Lab Staff are not responsible for training you to use 3D modeling software. Please check in with your faculty if you have any questions on 3D modeling or repairing your file.
- There are a variety of 3D Printers available for you to use. If you have any questions on the printers and the material options, there are example prints available for you to see in the Digital Lab.
    - **Ultimakers** (These are available to all students. They print in PLA plastic and have a breakaway support structure. A variety of colors are available. Please check in the digital lab staff for your color options.)
    - **Uprint & F370** (These are the advanced plastic printers. They print in white ABS plastic and have a dissolvable support structure.)
    - **Z150 Powder Printer** (This printer is available to advanced students. It prints in a white gypsum powder and does not need to have any supports removed)
    - **Formlabs Resin Printer** (This printer is available to advanced students. It prints in clear resin with a break away support structure.)
- If you have any questions on your project, appointments are available with digital lab staff. Email digitllab@mcad.edu or stop in to the 3D Shop Digital Lab.

3D Printing Project Form

Please fill out and email this form along with your files to digitallab@mcad.edu

Please watch your email for any questions from Digital Lab staff

Preferred Name (and optional pronouns):

Class:

Appointment:
   *Not required but if you would like to be present for the start of your project please give a few times you would be available. Digital Lab staff will contact you to schedule a time.

File Name(s):

Size(s):

Printer:

Color:

Copies (if applicable):

Notes: *Please include any additional information on your project

For Digital Lab Staff

Status Checklist:

- o   File Ready
- o   Printer Chosen
- o   Color Chosen
- o   Quote Approved
- o   Papercut Charged
- o   Print(s) Running
- o   Print(s) Soaking/Curing
- o   Print(s) Complete
- o   Ready for Pick Up

Cost:

Paid: