

Advanced 3D Printing Reminders

- The 3D Shop Digital lab is currently running in a drop off/pick up format. Shop staff will be the ones running the digital lab equipment.
- Please use the [Digital Lab Project Request form](#) to submit a request for your project.
- Time required to complete your project will be dependent on the complexity and size.
- These processes and materials are experimental, so some results may be unexpected and hard to replicate. We will do our best to work with you but shop staff are not responsible for these unexpected results.
- If any of these processes are new to you or you have any questions about your project please see shop staff.
- File saved to the STL format
- Upload your file to the 3D shop server
- The cost of 3D printing is \$5 per in³ based on the amount of material you use
 - Plastic printers: Support material and Model material
 - Gypsum printer: Model material
 - Ultimakers: Advanced Digital Fabrication students purchase their own cartridge
- File is solid, free of holes, and watertight
- Object fits within the limitations of the printer
 - Uprint max size: 8" x 8" x 6"
 - Fortus max size: 14" x 10" x 14"
 - Ultimaker max size: 9" x 9" x 8"
 - Gypsum printer max size: 9" x 7" x 5"
- Position your object for the best possible print
 - Slicing object
 - Largest/flatthest side down
 - Supports turned on
 - Sidewalk, brim or raft turned on
- Factor in extra time for finishing tasks
 - Soaking time for soluble supports
 - Curing time for gypsum prints
 - Super glue coat on gypsum prints
 - Assembly of sliced parts
 - Sanding, Painting, etc.
- Please keep an eye on your email. Shop staff will contact you with any questions or next steps.
- If you choose to receive a cost estimate, you will receive an email when they are ready for approval. You will need to approve them before we will run your full project.
- Shop staff will contact you with an estimate of when your project will be completed. Shop Staff will do their best to work with your timeline.
- Please confirm that your papercut account has enough funds for your project. Your account will be charged before it is started.
- You will receive an email when your project is ready to pick up. Completed projects will be available for pick up just inside of the entrance to the 3D Shop.