3D Printing

- 3D Model Preparation
  - Exporting from Revit for 3D Printing
  - Exporting from Sketchup to .stl
- Submitting a Model for 3D Printing

Time Expectations

Prints can take from several hours to several days, depending on size and complexity. We combine prints as possible to speed things up, however you should expect a turn-around on 3D prints in one to two days - unless there is a long queue. When submitting your print to the Service Desk - they should be able to give you a rough estimate of when you can expect to pick up your print.

Pricing

- Base Price: $5 for subscribed users ($45 for non-subscribers)
- Build Material (ABS plastic): $2.50 per cubic inch
- Support Material: $5.00 per cubic inch
- Max build size:
  - Fortus: 10 x 10 x 12 in. (254 x 254 x 305 mm)
  - UPrint: 8 x 6 x 6 in. (203 x 152 x 152 mm)
- Wash Cost: number of people --not by surface area, volume, or numbers of objects (Sometimes not necessary; please discuss at time of submission.)
- If you do not pick up your print, you will still be charged the full amount to your What I Owe.

Resources

In addition to the 3D Printing capabilities provided in the SOA, here are some external resources for 3D Printing:

- [http://shapeways.com/education](http://shapeways.com/education) - Shapeways offers a standing 10% discount on all 3D prints for students and teachers with .edu email addresses.
- [https://www.3dhubs.com/students](https://www.3dhubs.com/students) - 3D hubs is basically the AirBnb of 3D printing and they offer 25% for students and teachers with .edu email addresses.
- [https://www.3d-pros.com/](https://www.3d-pros.com/)