

3D Printing Plymouth State University

Types of Printing

Stereolithography
Selective Laser Sintering
Fused Deposition Modeling (FDM) or
Fused Filament Fabrication
*At Plymouth State University we
currently have FDM printing*

Resources

Models

Thingiverse
NIH 3D Print Exchange
Morphosource

Starting software

Tinkercad
Fusion 360
Sketchup

More Advanced

Openscad
Blender
Autocad

3D Printing at PSU

Type of Material: PLA Plastic

Cost: \$3 set up fee per build

+4 cents per gram of weight

(material cost) + 50 cents per hour of print time

Payment: cash, credit or PSU FOAPAL

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Models of Printers we currently have

Taz Lulzbot 5

Build Volume

290 x 275 x 250 mm

(11.4 x 10.8 x 9.8 inches)

Ultimaker 2 Extended +

Build volume

223 x 223 x 305 mm

(8.8 x 8.8 x 12.0 inches)

Zortrax M200

Build volume

200 x 200 x 180 mm

(7.9 x 7.9 x 7.1 inches)

Lynda.com Playlist

<https://www.lynda.com/SharedPlaylist/411b637db60e4deabf02e928674067d4?org=plymouth.edu>

My contact information

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