



## Fundamentals of 3D Printing Training Outline

Below is the scheduled outline for the two day training currently scheduled for November 7-8<sup>th</sup> at local library location, hosted by Idaho Commission for Libraries:

### Part 1: Installation, 3 hrs.

- Physical Printer Walk-through: Installation & Setup
- Software Installation
- Printer Tuning & Calibration

### Part 2: Operation, Up to 4 hours.

- First Prints
- Fine Tuning your Prints & Printer
- Troubleshooting
- Tips & Tricks

### Part 3: Design, 4 hrs.

#### Design:

- Choose your CAD
- Design for reality. Design for the process. Exploit and experiment.
- Troubleshooting-Overhangs, bridges, thin objects, support material, rafts.
- Improving your design methods.

### Part 4: Lab & QA, Up to 4 hrs.

- Beginning Independent Enrichment
- Creative Programs & Projects
- Q&A Discussion