**Cura**

<https://all3dp.com/1/cura-tutorial-software-slicer-cura-3d/>

Cura quick start guide, and some G-code info.

Points of interest:

* Importing a 3D model
* Using the interface
* Control print quality
* **Walls & Gap Filling In Cura** – Increase the Outer Strength of Your 3D Print
* **Different Infill Patterns in Cura** – Increase Model Strength, Reduce Material Consumption & Print Time
* **Control Print Speed** in Cura - Improve Print Time & Print Quality
* **Prevent Excessive Cooling by Using the Fan Speed Setting**
* **Using Cura's "Minimum Layer Time" Setting** To Prevent Distortion of Small 3D Printed Layers
* **Disable Cooling for Filaments** That Don't Need It
* **Use "Build Plate Adhesion"** to Prevent Warping & Other Cura Settings to Prevent Warping
* **Prevent Pillowing** by Using a Combination of **Shell, Cooling & Quality Settings**
* **Prevent Stringing** by Using a Combination of **Material & Print Settings**
* **Support Structures** - Improve Prints With **Overhangs**
* **Special Modes** in Cura

<https://3dprinterly.com/cura-settings-ultimate-guide-settings-explained-how-to-use/>

Provides extensive info on the following settings/options:

* Quality
* Walls
* Top/bottom
* Infill
* Material
* Speed
* Travel
* Cooling
* Support
* Build plate adhesion
* Special modes

**STL Files**

1. Trusted website to download stl files are: Thingiverse, MyMiniFactory

**G-Code**

<https://all3dp.com/2/3d-printer-g-code-commands-list-tutorial/>

<https://www.simplify3d.com/resources/articles/3d-printing-gcode-tutorial/>

**Machine Learning**

<https://www.youtube.com/watch?v=7eh4d6sabA0>