

Makerbot Replicator 2/2x: Advanced User Training

What can your Makerbot Replicator 2/2x do?

Servicing and care, PLUS tricks to print down to 50 microns!



This course is specifically designed to provide the participant technical training and skills required to tune and service a **Makerbot Replicator 2/2X**. This includes troubleshooting training as well as the skills required to fine tune the machine for optimal performance. It is exclusively for people with extensive experience with their **Makerbot Replicator 2/2X** 3D Printer and who are looking to get more out of their machine.

What skills are acquired through this course?

An introduction to the finer workings of your machine and a deeper understanding of the function of each component as well as troubleshooting & diagnostics training (beginner level) and the performance of a full machine tune and service .

- Machine alignment
- Belt tightening
- Replacing ceramic tape
- Cleaning and replacing nozzles
- Testing/replacement thermocouplers
- Checking and lubricating of rods and moving parts
- How to perform a general service and check



Upgrades and Mods for better performance

You will learn how to fine tune Makerbot for optimal performance.

What cutting edge developments, mods and experimental options are available to you.

Using different media

We will discuss media options (PLA, ABS, Wood and many other new developing materials) as well as alternative bed coating options (which one should you use when, why and how?)

50 Microns, less support and easier to remove rafts

We also look at Custom Profiles; how they work and how you can use them to get your print resolution down to only 50 microns! Modifying supports so they are easier to remove, making them less dense for easier removal, finer surface finish and faster printing.



What is included in the price?

A Tune and service take home pack (Valued at \$50)* including ceramic tape replacement kit, sample sheets of all bed surfaces discussed, a thermo coupler, a course checklist and quick reference guide.

Who should attend?

Everyone who owns a Makerbot Replicator 2 or 2x. This course is very popular with Universities/large organisations running banks of machines and clients looking to produce professional quality results.

Length of Time

3 hours (Inc extended Q&A)

Location

Bilby 3D Alexandria Office, Sydney

When

For next available dates please go to www.bilby3D.com.au/courses

Cost

\$150** (Printober Special, Normally \$200)
Additional participants from same organisation \$65/person

Bookings

Ph 1800 847 333

Places are limited and this course is NOT for beginners. Full payment is required before course start date.

**Full fee paying participants only (1e one per organisation)*