



formlabs 

Dental Form 2 Workshop

Hardware, Software, Applications & Maintenance



Content Breakdown

Module 1: Hardware and Interaction

- **Internal Mechanics:** Deep-Dive into the Form 2 printer's optical system
- **Print Process:** Squish, Expose, Peel, Wipe: What forces must the model handle during printing?

Module 2: Workflow and Maintenance

- **Maintenance:** Optimising the print environment, Printer and Resin Tank care best practices
- **Form Wash, Form Cure** and Support Removal
- **Post Processing:** Grinding, Polishing, Painting using different tools

Module 3: Dental Materials and Applications

- **Dental Model, Dental SG, Dental LT Clear, Castable Wax, Denture Ba + Denture Teeth** discussed
- **Accuracy and Precision** of printed parts
- **Crown and Bridge Models, Splints and Aligners:** Dental applications in depth

Module 4: Software: PreForm & Dashboard

- Orienting and supporting models
 - **Orientation:** XYZ-Orientation, Base Selection, Printing directly on the Platform
 - **Supports:** Density, Point Size, Base Thickness, Manual editing
 - Working with **islands** and **suction cups**
- **Dashboard:** Manage and track prints online

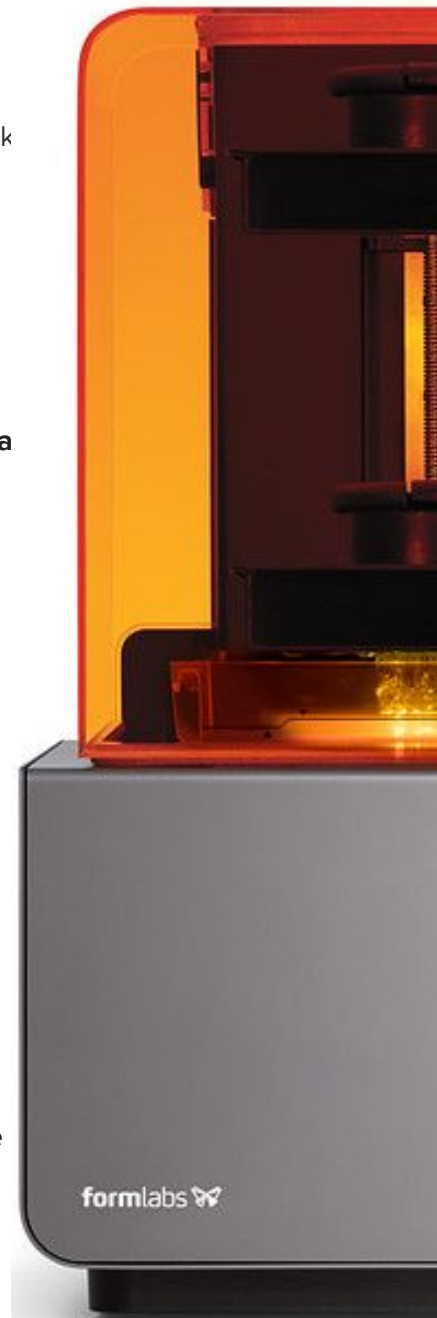
Module 5: Advanced Troubleshooting*

- **Printing Issues:** Rashing/Ragging, Volume Explosion, Non-Adherence
- **Troubleshooting:** Empty Cartridge, Bite Valve Error, Unknown Consumable, Cartridge or Resin Tank not detected, Motors Jammed, Printer Tilted etc.

Module 6: Meshmixer*

- Refine models and improve printability with the Autodesk Meshmixer software
 - **Hollowing models**
 - **Plane cuts, Join or split assemblies**
 - **Mesh Repair**

*Available in the 2-day workshop





Further Information

Level:	Beginner or Intermediate
Location:	Formlabs or at your location
#of Participants:	max. 10 participants
Requirements:	Computer with PreForm Software (free), Form 2 3D-Printer onsite

Contact

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