

Training plan for Elysia

Timeline	Skill Name	Training format
The 1 st week (19 th till 23 rd Sep. 2022)	Software on 3D geometry creator	Online resources, and in-person demo
The 2 nd week (26 th till 30 th Sep. 2022)	Ultimaker S5	In-person demo on 23 rd Sep. 1 pm, as I will be on holiday after...
The 3 rd week (3 rd till 7 th Oct. 2022)	Form 2	In-person demo on 4 th Oct. 1pm
The 4 th week (10 th till 14 th Oct. 2022)	Markforged M2	In-person demo on 10 th Oct. 11pm
Once you get familiar with all printers, and get a big view, then could choose one printer to spend more time on it, and play with parameters etc.		

The 1st week (19th Sep. till 23rd Sep. 2022):

The 1st week is focus on the 3D structure drawing software:

Software:

Solidworks, or CAD, or Blender. Depends on the IT capability

Learning materials:

For solidworks, the University IT learning center provide free online training:

<https://skills.it.ox.ac.uk/whats-on#/>

Courses			
solid			
Course title	Delivery	Cost	Actions
SOLIDWORKS: Essentials	eLearning	Free	

For AutoCAD, see the attached pdf.

For Blender,

The University IT learning center provide training, or Tutorials here:

https://www.youtube.com/playlist?list=PLa1F2ddGya_-UvuAqHAKsYnB0qL9yWDO6

Courses				Q blender	X
Course title	Delivery	Cost	Actions		
3D Modelling: Blender - Kick-off	Online	Chargeable	View details		
3D Modelling: Blender - Up and running	Online	Chargeable	View details		

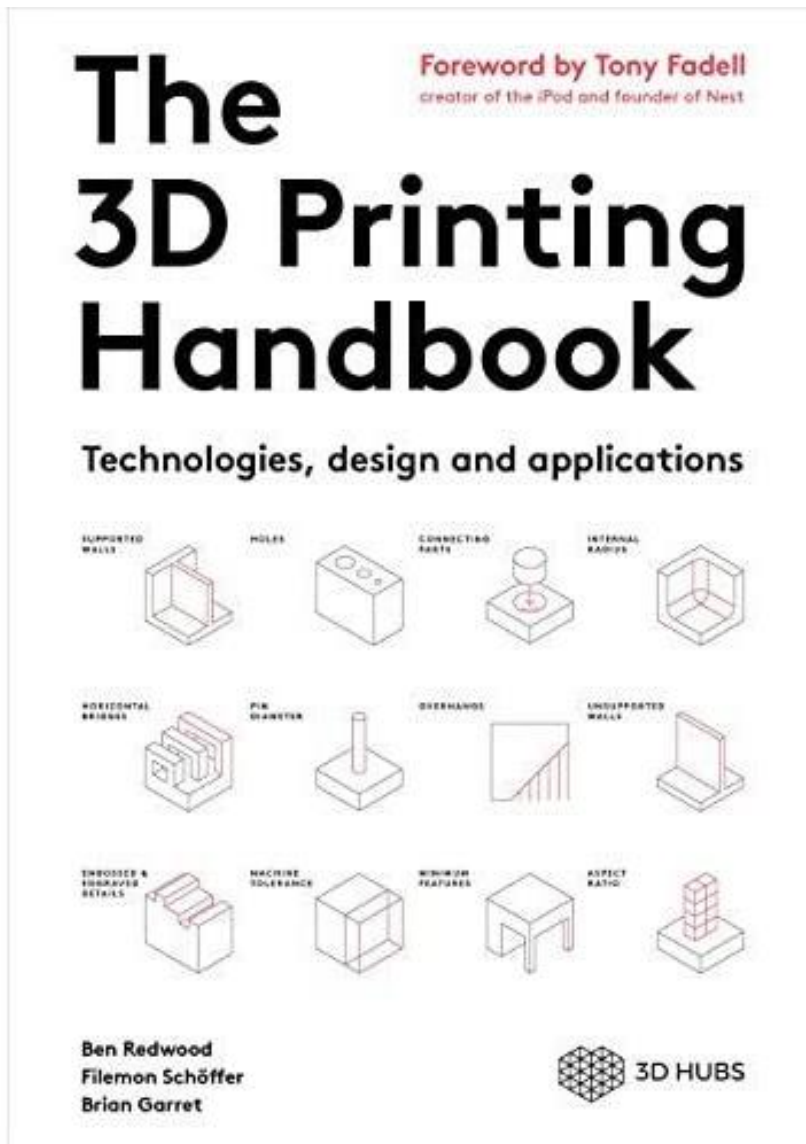
Action point:

Please contact the IT, choose the software, and then explore the leaning materials. Let's meet on 23rd Sep. 1 pm

Week 2 to 4: focus on 3D printing:

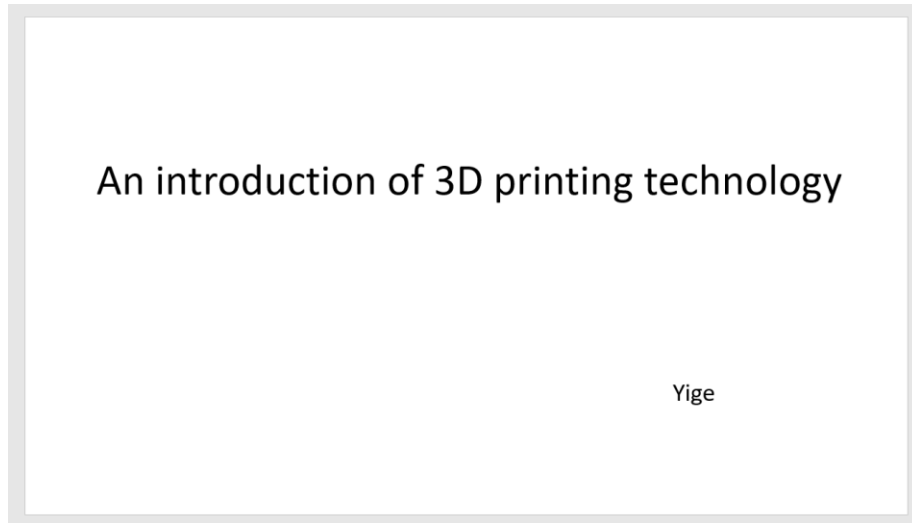
A good book for 3D printing beginner:

The 3D Printing Handbook: Technologies, design and applications



The 2nd week (26th till 30th Sep. 2022):

23rd Sep. 1 pm Yige will do an induction of 3D printing with Elysia. I had training slides ready.



And then will train Elysia on the use of Ultimaker S5.

<https://ultimaker.com/3d-printers/ultimaker-s5>

There are many materials that could be applied on S5:

<https://ultimaker.com/materials>

In the rest of the weeks, please play with the printer. I will be on holiday that week.

The 3rd week (3rd Oct. to 7th Oct. 2022):

23rd Sep. Yige will train Elysia on the use of Ultimaker S5.

<https://ultimaker.com/3d-printers/ultimaker-s5>

There are many materials that could be applied on S5:

<https://ultimaker.com/materials>

Action point:

Training on Form 2 on 4th Oct. 1 pm.

Link of the printer: <https://formlabs.com/3d-printers/form-2/>

Materials for Form 2: <https://formlabs.com/materials/>

In the rest of the weeks, please play with the printer, and contact me if you have any challenges.

The 4th week (3rd Oct. to 7th Oct. 2022):

Training on Markforged M2 on 10th Oct. 11 am.

Link of the printer: <https://markforged.com/jp/3d-printers/mark-two>

Materials for Markforged M2: <https://markforged.com/jp/materials>

In the rest of the weeks, please play with the printer, and contact me if you have any challenges.

Hopefully useful.