Description

The 3D Printer Lab (provided by the Student Technology Fee) is in the Student Center's 24-Hour BIG Print Lab. It consists of four (4) Ultimaker 3D printers managed by Lab Monitors.

What is 3D Printing?

3D printing is a process of making a three-dimensional solid object from a digital file. The object is created by laying down successive layers of material (melted filament) until the object is created. You can create the digital file (.STL format) yourself using 3D modeling software or download an object from a 3D repository (Thingiverse).

Who Can 3D Print?

The 3D printers are available for use by all Louisiana Tech University students. Each student will be allocated 100 grams of PLA filament per quarter or they can opt to BYOF (Bring Your Own Filament) and print up to 500 grams (talk to one of our Lab Monitors for more information).

A few simple rules:

- Only the Lab Monitors will have hands-on access to the 3D printers
- Weapons or obscene and inappropriate objects will NOT be printed
- Objects violating copyrights, patents or trademarks will NOT be printed
- Printed objects CANNOT be sold
- Printing is done on a first-come first-serve basis

Follow the steps below to start 3D printing at Louisiana Tech's STF 3D print lab.

How to 3D Print

- 1. Setup your 3DprinterOS account:
 - SIGN UP at **cloud.3dprinteros.com** using your full La Tech email address (*abc123@latech.edu*)

SIGN IN	SIGN UP	SSO
First Name		
Last Name		
Organization		
E-mail		
Password - min 8	symbols"	
Repeat password		
Enter Captcha	ER	4 N
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• Check your email and verify your account.



Welcome to 3DPrinterOS!

Hi

We are happy you have decided to join 3DPrinterOS. This is the last step to start your journey. Please open this link to verify your email:

https://cloud.3dprinteros.com/sign/activation? token=

If you didn't register this email address, then simply ignore this email and don't use the link. You will not receive any emails from us.

Regards, 3DPrinterOS Team.



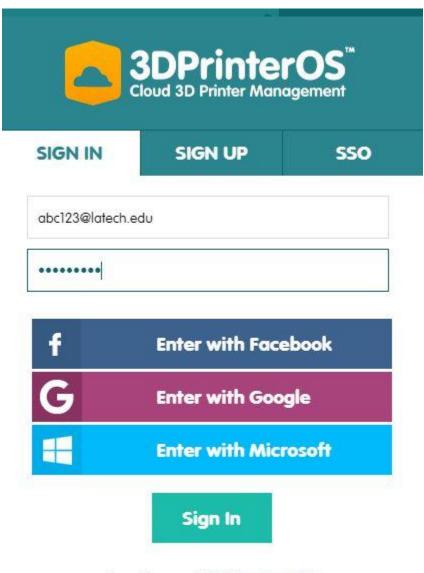
ACCOUNT VERIFICATION

The account was succesfully verified.



Please sign in to continue.

• Sign into 3dprinteros.com.



Forgot Password? Click here to reset it.

• Click "Not Now" on the License Activation popup window.

LICENSE ACTIVATION ×

You are currently using the free version of 3DPrinterOS.

Uploading-preparing-slicing and printing are free and will always be free for personal and corporate use within our Fair Usage Policy. To access our Premium and Organizational features please <u>upgrade your account</u>.

Already upgraded? Enter your license key here:

3DPrinterOS - XXXX-XXXX-XXXX-XXXX



ACTIVATE NOW

• Click on PRINTERS from the top menu bar, choose "+ MORE" and then click on "ADD WORKGROUP PRINTERS".

Cloud 3D Printer Management MY PROFILE UPLOAD SEARCH	MY FILES DASHBOARD PRINTERS DOWNLOAD SUPPORT FORUM	
Have a look at a cool project e-Nable Hand - Open	Source Project in MyFiles/Projects.	2. ×
ACTIVE PRINTERS	Register Dremel3D/Robo	o3D ▲ INSTALL + MORE
	No active printers	MAKE OFFLINE PRINTERS INACTIVE
Fir	nished jobs stay here for 24 hours only, go to dashboard to see full history	
		REMOTE TERMINALS LIST

• For Student Access Code enter (in all uppercase): **3DLATECH** and click "Connect to Workgroup".

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• You should now see the four (4) 3D Ultimaker printers named 2-Day, 1-Day, 12-Hr & 6-Hr. (Notice your balance in the upper right-hand corner)

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• Click on UPLOAD from the top menu bar to send your .STL file to print.

• A Lab Monitor will review your file and then print it for you. You will be notified via email for every step of the way (including getting a video link and video time lapse of your object being printed). Please pick up your object in a timely manner.