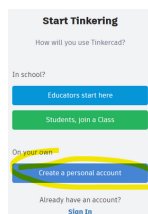
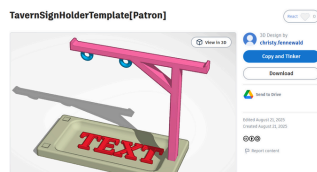


Follow the steps below to make your own 3D printed sign!
This is a beginner-friendly project for ages 18 and older.

Step 1: Find the file

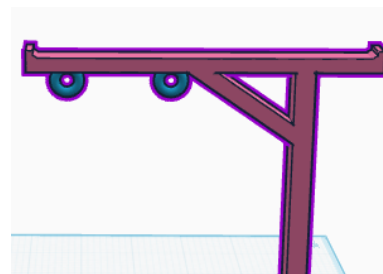


Go to
tinkercad.com.
Create an
account.



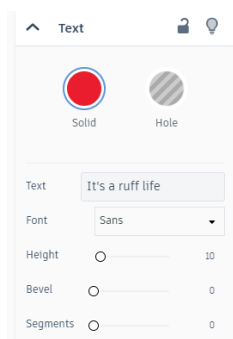
Go to the Makerspace
website → 3D printers.
Copy & Tinker the
Tavern Sign.

Step 2: Layout

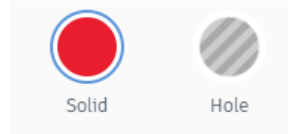


The sign itself is locked. Please do not
move it.

Step 3: Edit Text

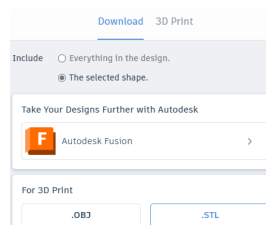


Click on the red
“text.” In the box,
edit the wording &
adjust the font.
Resize if
necessary.



Leave colors alone
as colors will not be
printed.

Step 4: Download



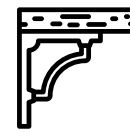
Below:
not available for Open Lab reservation. You may continue to access this
of Training Series (Full Access Library Card Required). [Read more here.](#)
who are ready to dive deeper into specific skills and technologies. These
le participants may leave with a finished product, the primary goal is to b
covery classes (Full Access Library Card Required). [Read more here.](#) R
continue to print items created in Makerspace classes at this [link](#).)



Ensure that
nothing is
selected. Click
on Export-->
STL.

Go to
[cedarparktexas.gov/
makerspace](http://cedarparktexas.gov/makerspace) -> Tools
-> Prototyping -> 3D
Printers. Submit a 3D
print request with
ALL files.



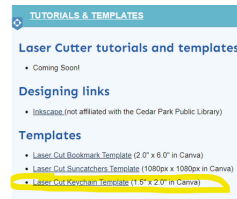


Follow the steps below to make your own 3D printed sign!
This is a beginner-friendly project for ages 18 and older.

Supplies:

- Basswood
- *Canva
- 3D Print
- Creativity

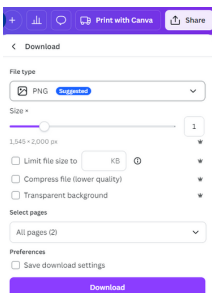
Step 1: Design the cover



Go to the CPPL Makerspace site and make a copy of the Laser Engraved Tavern file (on laser cutter page). You will need a Canva account.

Title your design with your name. Add black & white designs & text onto the sign.

Step 2: Export the file

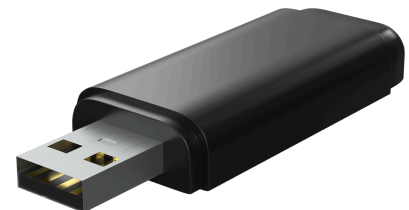


Click Share.
Choose to download as a PNG>



Go to picsvg.com. Upload your file. Change the setting to your favorite and download.

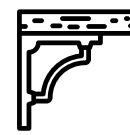
Step 3: Send the file



We will upload your new file to a USB. Please do not leave until we have yours saved. Title yours with your first and last name.

All files will be proofed and prepared for next class.





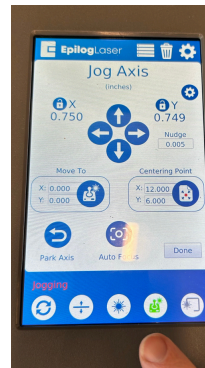
Follow the steps below while using the laser cutting and engraving machine

Step 1: Prep the materials



Open laser lid.
Place basswood
piece against top
left corner.

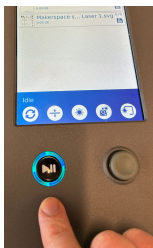
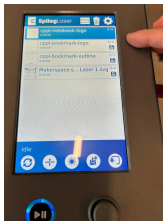
Step 2: Focus the laser



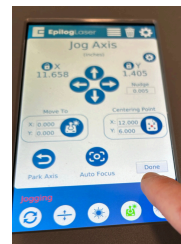
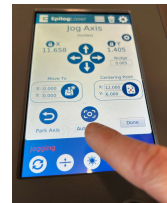
On screen, click on
4th button. Move
joystick so red dot is
over where you're
cutting



Step 3: Engraving/Cutting



Click on the 3
lines. Then, click
on
"[NameMap]".
Press the play
button.



Click on
autofocus.
Then, press
done when it
is complete



**Watch the laser to ensure it is cutting safely.
When it finishes, it will beep. Open the lid and
remove items. Assemble chains & S-hooks with
signs.**

