

DESIGN

VECTOR LINES & EMBEDDED B&W IMAGES

Suggested Software



Illustrator
Rhino 8
AutoCAD
Vectorworks*

LAB-ACCEPTED FILE FORMATS: .AI, .DWG, .3DM

YOUR ARTBOARD MUST MATCH
THE EXACT SIZE
OF YOUR MATERIAL



MAX
SIZE
48"
X
96"

OUR MATERIAL TEMPLATES!!

POSSIBLE TECHNIQUES

CUTTING
DTL



LINEAR
ENGRAVING
DTL



RASTERING
DTL



RGB: 255, 0, 0
0.01 pt stroke
no fill

RGB: 0, 0, 255
0.01 pt stroke
no fill

RGB: 0, 0, 0
no stroke
black fill

If you need a larger cutting area, a **full sheet template** is available on our website!

Using grey tones will change the strength of the raster! fun!

VERY VERY VERY IMPORTANT!

Make sure to embed images and expand the appearance of custom fonts, brushes, and strokes.

*The LAB does not accept .vwx files, read our Vectorworks laser cutting guide for translating files to Illustrator files for submission on our website!

LASER CUTTING

MATERIALS

LASER CUTTERS CAN ONLY CUT FLAT MATERIALS

MATERIALS WE CAN SUPPLY

ILLUSTRATION BOARD
CARDBOARD
PLYWOOD baltic birch
ACRYLIC in clear, white, & black
PETG in clear & matte

See our website for available material thicknesses

! WE **CANNOT** CUT !

FIRE HAZARD

polycarbonate, double-walled cardboard & warped materials

WILL NOT CUT

metals, glass, stone & tile

TOXIC FUMES

MDF, ABS, foam core, styrene, synthetic leather, PVC & vinyl

WE CAN CUT BUT DO NOT SUPPLY

COTTON
ORGANZA
SATIN
SILK
DENIM
CANVAS
FELT

ACETATE
DICHROIC FILM
PAPER
CARD STOCK
MYLAR
REAL LEATHER
ORGANIC LEATHER

LINOLEUM
SOFTLEUM
THIN SPONGES
HANDMADE PAPER
MELAMINE
TYPES OF WOODS

MOST COMMON MATERIAL THICKNESS IS 1/8"

PATRON-SUPPLIED MATERIAL

Submit your file and drop off your material during Open Lab hours. Upon arrival, a D+TL staff will determine if your material is safe to laser-cut. **Make sure to bring extra material for testing!**

PRICING

**JOB COST IS CALCULATED
ACCORDING TO:**

TIME

\$0.46 PER MINUTE

this includes the use of the laser as well as any project consulting, material setup & more

FOOD FOR THOUGHT

files that are more detailed, have lots of rastering or are on thicker material will take longer and will cost more!

MATERIAL

THE COST VARIES BY **KIND, THICKNESS, SIZE, AND AMOUNT** using your own material has no material charge

FULL LIST OF MATERIALS WITH PRICING IS AVAILABLE ON OUR WEBSITE!

THE LAB ONLY ACCEPTS ONECARD AS PAYMENT

we recommend loading your OneCard beforehand which can be done in-person @ the OneCard office, @ the campus PHIL machines, or online. Link with this QR code:



SUBMISSION & PICKUP

SERVICE BUREAU SUBMISSIONS ARE COLLECTED VIA GOOGLE FORM. FIND THE LINK ON OUR WEBSITE OR SCAN THIS QR CODE



SUBMIT YOUR FILE AT LEAST 1 WEEK IN ADVANCE TO ENSURE YOUR JOB IS PROCESSED IN TIME

ONCE YOU SUBMIT

Your file gets added to the Service Bureau queue which staff tackle on a first-come, first-served basis.

NO RUSH JOBS

NO QUEUE HOPPING

AFTER SUBMITTING

Keep an eye on your email as staff may reach out with questions, concerns, or any issues.

MINOR ISSUES: can be troubleshooted by LAB staff

MAJOR ISSUES: may result in your submission being cancelled

WE WILL EMAIL YOU WHEN YOUR PIECE(S) ARE READY WITH YOUR TOTAL You will have two weeks to pick up your piece(s)-get in touch if that doesn't work for you!