

Laser Cutting Requirements

You must come with a PDF file prepared.

The file must **NOT** contain layers. (You can check this by opening the file with Adobe Acrobat)

You can compress layers by using Adobe Acrobat Pro.

The file must be **32" x 18"** in a **LANDSCAPE** orientation.

It is wise to leave a 0.25" margin on all sides, and definitely best not to have drawings reach the edge of the page.

There must only be ONE PDF per page. Do not create PDF files of multiple pages.

The file must also only contain three line colors

AUTO CAD RED for cutting

AUTO CAD GREEN for scoring

AUTO CAD BLACK for etching/engraving

*NOTE: you must use **AUTO CAD RED GREEN & BLACK**- if not the computer will read it as another color and will not cut it correctly.

The line weights must be set at **0.00** line weight. Nothing else is acceptable.

Absolutely **NO double lines** are accepted- make sure to remove all double lines. They will burn your material as well as waste your time.

Be careful when exporting lines from Rhino. The program will export with double lines when you use the command *MAKE 2D*. Always bring it to AUTO CAD and use the **OVERKILL command on AUTO CAD versions 2007+.

You may NOT change/fix/alter the file while you are there. You are to come fully prepared with the file or you may be sent away to fix your files elsewhere. The computers do NOT carry AUTO CAD or Adobe Programs.

*NOTE: Make sure that if you do open a PDF from AUTO CAD, you open it only in Adobe Illustrator. Do NOT use Photoshop, it WILL rasterize your lines. And do NOT change colors in Illustrator, they may not match up to AUTO CAD colors.

You must come with your materials Pre-Cut, meaning you should CUT it before you come to set up your file(s)

Materials Allowed:

Basswood

Acrylics

Museum Board / Stratmore

Task Board

**The maximum thickness is 3/8". We DO NOT cut metal.

***Materials must be less than 31.5" x 17.5" or they will not lie flat in the cutting bed and will not be cut correctly.

You must provide your own **MATERIAL** as well as your own **TAPE**. We do not have tape for you to use.

Laser Cutting will be FREE for the Fall '09 semester as we continue testing the equipment. We do not assume any liability on the work performed. Failure to comply with requirements might result in you being turned away.

Pricing & Requirements are subject to change without notice.