

CUT FOLD COLOR ASSEMBLE



The Course, which will be both classroom and shop based, will focus on learning a set of design tools and the processes to translate that design into a fabricated and assembled structure:

A Fence for the Stamps Sustainable Color and Material Garden.

Working in teams, you will work with both digital and hand drawn design methods to translate a given graphic pattern into layers of floral components that you together will cut, fold, color and assemble into our fence.

Each team will be responsible for a portion of the overall pattern, which will join together with those sections from other teams. Collectively we will install the posts and frames of the fence and assemble together the sections of floral patterns that the teams have developed.

a

GRAPHIC TOOLS You will be working primarily with Rhino (an essential program for your architectural education and future career) for 2D and 3D design development. Additional software that will be useful will be Adobe Illustrator and Photoshop.

b

MATERIALS Your initial graphic studies will be translated first into stiff cardstock and then into 20 gauge sheet metal to create the panels of our fence.

c

PROCESSES Graphic design translations will first be cut and tested using the LASER and ZUND cutters and then scaled to full size and cut using the FabLab WATERJET. You will COLOR these cut pieces using a POWDER COATING PROCESS. For those interested, there will be some MIG welding to do.

d

ASSEMBLY Final assembly of the fence will take place at the *Stamps Sustainable Color and Material Garden* located on the hillside to the SE of the A+A building. You will work to fix our foundation, set our main fence posts, position the horizontal rails and attach your designed floral components.

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