

# LARGE FORMAT PRINTER

---

## EQUIPMENT

- 44" Epson Stylus Pro 9900
- 44" Canon Pro 4000
- 24" Canon iPF6450

## PLAN AHEAD

- Before your appointment have all images formatted and ready to print.
- Include crop marks if required and check your spelling.
- Make sure you have met all the image requirements listed below.
- Ask for help if you have questions.

## APPOINTMENTS

- Printing sessions are scheduled in 1/2 hour time blocks.
- Make in person at least 30 minutes in advance; cancel at least 24 hours in advance.
- Talk to VRC staff about your project.
- Semigloss roll paper and a variety of photo and fine art sheets are available.

## FILE REQUIREMENTS:

### Format

- Recommended: .PSD (photoshop), .PDF
- Resolution at least 300 dpi
- Mode CMYK (not RGB)

## FEES

- Printing Fees will be charged to your BURSAR account
- Students are allowed one free print (22"x30" or smaller) each semester.

Ask if you have questions or need assistance; tutorials and consultations are available.

# LASER CUTTER

---

## EQUIPMENT

- 75Watt Epilog Fusion M2

## PLAN AHEAD

The laser cutter can etch and cut:

- Wood
- Coated Metal (etching only)
- Paper / digital prints
- Plastic
- Glass
- 3D objects

[Talk to staff about your project]

Mat board is available to prototype your designs. Ask about materials in the VRC. Purchased materials will be charged to your Bursar account.

## APPOINTMENTS

Two appointments are required:

### 1. Consultation

A 15 min consultation is required for file corrections, to determine cut time, and schedule your appointment.

### 2. Laser Cutter

- Watch the Laser Safety PowerPoint presentation.
- Sign the Authorization Form to use the equipment.
- Staff will provide instruction on how to operate the laser cutter and cut your own projects.

## FILE REQUIREMENTS

- Mode: RGB (not CMYK)
- Maximum dimensions: 32" x 20"
- 1/4" margins on all sides of artboard.
- Vector stroke width: .001 pt
- Change text to outline

## REQUIRED SOFTWARE

- Adobe Illustrator

Available in Rooms 301, 401, 402, and the VRC. Other software can be used but your final design must be exported as a .PDF or .ai file.

# 3D PRINTER

---

## EQUIPMENT

- MakerBot Replicator

## PLAN AHEAD

In the computer your model exists in a world without gravity or physics. To successfully print your object you'll need to keep the material's characteristics in mind.

### 1. Object is Water-Tight

- No gaps or holes & parts are flush

### 2. Object can exist in 3 Dimensions

- Forms extending into space wont fall off
- Weight distributed to prevent collapse or toppling
- Pieces wont break off

## APPOINTMENTS

Two appointments are required:

### 1. Consultation

A 15 min consultation is required for file corrections, to determine print time, and schedule your appointment.

### 2. 3D Printer

- Bring complete and corrected file ready to print.
- Staff will confirm print time.
- You will be emailed if there are issues with your file and when the print is ready for pickup.

## FILE REQUIREMENTS

- Export your model as an .Obj (object) or an .STL file (stereo-lithography) from modeling program
- Bring Rhino file AND .Obj or .STL file
- Have your file ready before the scheduled print session

## RECOMMENDED SOFTWARE

- Rhino
- Windows 3D Builder
- Blender



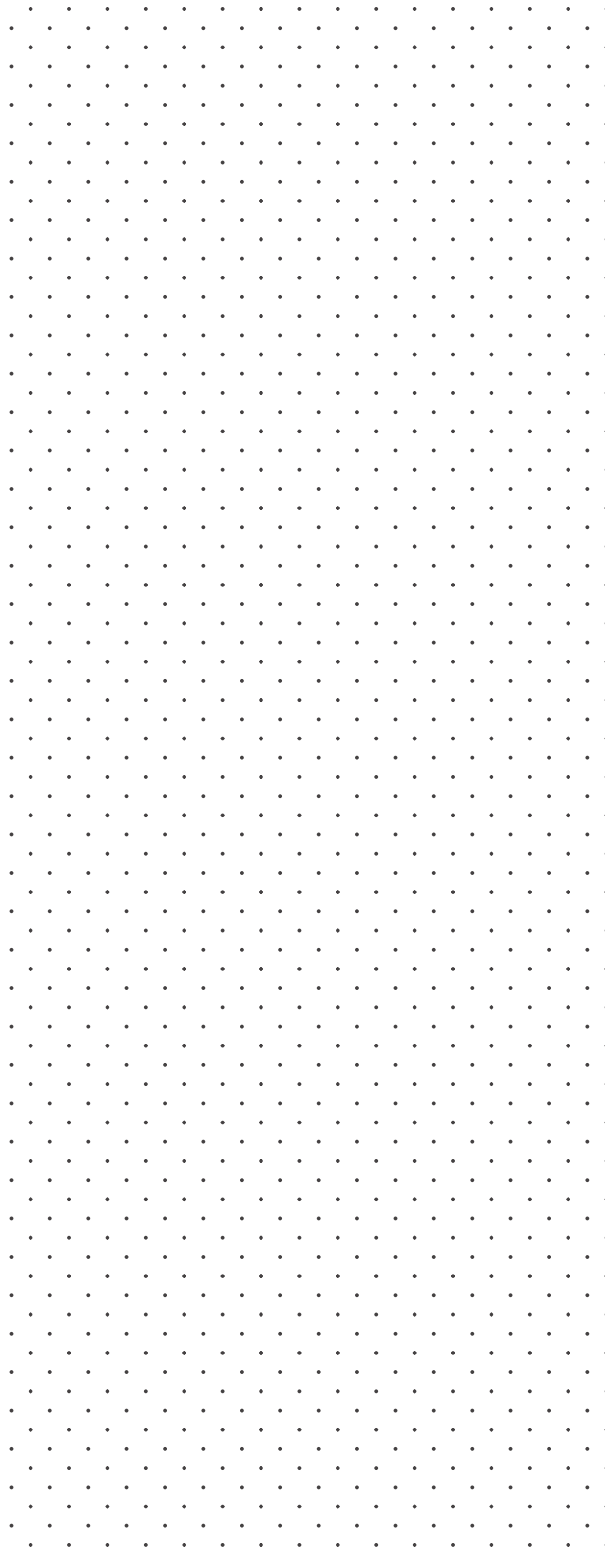
The VRC is a technology center and teaching facility created to support the Department of Art, Graphic Design and Art History faculty and students in their academic studies and research activities.

The technology center includes large format archival inkjet printers, a 3-D printer, and a laser cutter. iMac and Windows computer stations with flat bed scanners are available, as well as options for ink jet and laser printing.

Our extensive audio/visual resources include: cameras, tripods and lighting systems, video and audio recorders, laptops and iPads. Art students and faculty can check out these items for class projects and documentation. Books, journals, and contemporary art periodicals are provided to support art-related course work and research.

The Visual Resource Center is funded in part by the College of Arts and Sciences Student Technical Fees; it provides resources and services exclusively to Department of Art faculty, staff, and students.

**For more information, stop by the VRC.**



## **VISUAL RESOURCE CENTER**

### **OPEN**

Monday - Friday

8a - 5p

Monday & Thursday

6:30p - 8:30p

### **CALL**

405.744.6017

### **EMAIL**

osuartvrc@okstate.edu

### **WEBSITE**

<http://art.okstate.edu/facilities-resources/visual-resource-center>

### **LOCATION**

Visual Resource Center  
Department of Art, Graphic Design,  
and Art History  
106 Bartlett Center for the Visual Arts  
Oklahoma State University  
Stillwater, OK 74078