

MAKERSPACE

SACRAMENTO CITY COLLEGE



WORKSHOPS & EVENTS

APRIL 2019

Sacramento City College hosts a fully equipped makerspace serving as a hub for innovation & collaboration— attracting students who wish to apply their skills in design, science, technology, arts & crafts, engineering, mathematics, medicine, physics, & more.

Our makerspace is open to all currently enrolled students, faculty, & staff at SCC.

COS—108
COSMETOLOGY BUILDING
BEHIND STUDENT SERVICES

MAKERSPACE
SACRAMENTO CITY COLLEGE
MONDAY—THURSDAY 10AM—8PM
FRIDAY 10AM—5PM

WORKSHOP INFO

CNC MILL & ROUTER

Learn how to operate these advanced pieces of modern machinery in this combined workshop. Many techniques are covered, as well as safety procedures.

CRAFTING

Crafting is a great way to get your feet wet if you're new to making. New topics & projects will be introduced frequently. Come join in the fun!

ELECTRONICS

The electronics workshops give students an introduction to the Arduino family of microcontrollers & Raspberry Pis, so they can begin their own projects. Each week will cover different subjects dealing with electronics.

FIX-IT THURSDAY

Bring to the Makerspace your broken or worn items—everything from bicycles to electronics to clothing.

LASER CUTTING

Learn laser cutting techniques on a variety of materials including wood, fabric, leather, and metal. Training includes safety procedures for this advanced machine.

PODCASTING

Have a hands-on experience learning to record and edit a short podcast. Use of inputs, such as microphones, and basic mixing, using the relevant software, is demonstrated.

ROLAND PRINTER: STICKERS & T-SHIRTS

Learn how to create stickers and t-shirts using the Roland TrueVIS Printer. Training on the heat press is included for the t-shirt workshop. Safety training is included for both workshops.

SHOP TRAINING

The shop training workshop is required for everyone who plans on using it. All safety procedures for the shop are covered. Don't wait until the last minute before you need to work on a project to take it!

3D PRINTING

Come learn how to operate our different types of 3D printers, including the resin printer.

TORMACH

This is the workshop everyone has been waiting for. Learn how to mill & cut metal (as well as other material) on the Tormach, using different techniques. Safety training is included.

FLEX SPACE • COS—108

This space is multi-use—intended as a teaching space, a student space to work and collaborate on projects, and a space for student organizations to meet up. In addition, there are digital design and AV production work areas, and small and large format color printers.

- Five iMacs outfitted with the latest design software
- Podcast Studio Zone
- Heat Vinyl Transfer Fabric Press
- Form Labs Form 2 SLA 3D Printer
- Roland TrueVIS large format printer / cutter
- HP LaserJet Large Format Color Laser Printer
- Chroma Key Green Screen Zone
- Juki Industrial Sewing Machine & Serger
- 3D printers (8)

Electronics, Soldering Guns, Arduinos

FEATURED TRAINERS



CHRISTIAN ESPINOZA

Christian is a structural engineering student, aiming towards the concepts of design thinking. He's also a cosplayer and car enthusiast.



SAM LIFF

Sam is a graphic designer, who is adept at Adobe Photoshop. He is also a model maker, and is trained in using both traditional 3D printers and resin printers.



ERIN MCDOWELL

A lifetime of creative thinking and a recently recognized passion for mathematics and engineering has been leading Erin to the making world since birth. If you want to talk project design, discuss physics, or just chat about your own passions, he's your guy.



INDIGO PEREZ

"I make stuff. 3D modeling, Video Games, Illustration, Drawing, Photography, Sculpture, Graphic Design."



JUDY COATES PEREZ

Judy is one part gypsy and two parts visual alchemist, opening up new realms of possibilities by revealing endless ways to combine paint, paper and printmaking on fabric and other media. She has a BFA in graphic design from The Otis Art Institute of Parsons School of Design, and works as an independent arts instructor.



PROFESSOR MARK WEBSTER

Mark is retired faculty from Sacramento City College. He is Professor Emeritus in Mathematics and Statistics, and brings a wealth of knowledge from making math fun to understanding microcontrollers and electronics. We're lucky to have him as part of the Makerspace Team!

FABRICATION & PROTOTYPING

SHOP • COS—110

This space is for fabrication and prototyping with a variety of materials—wood, plastics, metals, fabrics, and more.

- Universal Systems Laser Cutter
- Vacuum Former
- Small Power Tools: Cordless Drills, Rotary Tools, Jigsaw, Staple Guns, Orbital Sanders, Etc.
- Many Assorted Hand Tools
- Roland MDX-50 CNC Mill
- Vertical Band Saw
- Compound Miter Saw
- 10" Disk Sander / Belt Sander
- 4' x 8' CNC Router
- Variable Speed Drill Press
- Sawstop 10" Table Saw

SOFTWARE

CAD/CAM, AutoCAD (CAD & 3D Modeling), Fusion 360 (3D Modeling), 3DS Max Studio (3D Modeling), Eagle (PCB & Schematic Design), NetFabb (3D Modeling), Motion Builder (3D Animation & Virtual Production), CREO 3.0 (3D Modeling), MS Office 2016, SketchUp (3D Modeling), Unity 3D (Game Engine), Adobe CC 2018 (Art & Graphic Design), MakerBot (3D Printer Utility), SketchUp (3D Modeling)

MON

1

12PM SHOP TRAINING
12PM ROLAND: STICKERS
1PM 3D PRINTING
2PM ELECTRONICS
2PM LASER CUTTING

8

12PM SHOP TRAINING
12PM ROLAND: STICKERS
1PM 3D PRINTING
2PM ELECTRONICS
2PM LASER CUTTING

15

TUE

2

12PM SHOP TRAINING
2PM LASER CUTTING
3PM CNC MILL & ROUTER
4PM 3D PRINTING

9

12PM SHOP TRAINING
2PM LASER CUTTING
3PM CNC MILL & ROUTER
4PM 3D PRINTING
5PM TORMACH

16

WED

3

11AM 3D PRINTING
12PM SHOP TRAINING
2PM CRAFTING
2PM LASER CUTTING
5:30PM ROLAND: T-SHIRTS

10

11AM 3D PRINTING
12PM SHOP TRAINING
2PM LASER CUTTING
2PM CRAFTING
5:30PM ROLAND: T-SHIRTS

17

THU

4

11AM ROLAND: T-SHIRTS
2PM CRAFTING
2PM ELECTRONICS
3PM CNC MILL & ROUTER
5PM FIX-IT THURSDAY

11

11AM ROLAND: T-SHIRTS
2PM CRAFTING
2PM ELECTRONICS
3PM CNC MILL & ROUTER
5PM FIX-IT THURSDAY
5PM TORMACH

18

FRI

5

11AM 3D PRINTING
1PM PODCASTING
2PM ROLAND: STICKERS
2PM LASER CUTTING

12

11AM 3D PRINTING
1PM PODCASTING
2PM ROLAND: STICKERS
2PM LASER CUTTING

19

**SPRING BREAK
VACATION**

22

12PM SHOP TRAINING
12PM ROLAND: STICKERS
1PM 3D PRINTING
2PM ELECTRONICS
2PM LASER CUTTING

23

12PM SHOP TRAINING
2PM LASER CUTTING
3PM CNC MILL & ROUTER
4PM 3D PRINTING
5PM TORMACH

24

11AM 3D PRINTING
12PM SHOP TRAINING
2PM LASER CUTTING
2PM CRAFTING
5:30PM ROLAND: T-SHIRTS

25

11AM ROLAND: T-SHIRTS
2PM CRAFTING
2PM ELECTRONICS
3PM CNC MILL & ROUTER
5PM FIX-IT THURSDAY
5PM TORMACH

26

11AM 3D PRINTING
1PM PODCASTING
2PM ROLAND: STICKERS
2PM LASER CUTTING

29

12PM SHOP TRAINING
12PM ROLAND: STICKERS
1PM 3D PRINTING
2PM ELECTRONICS
2PM LASER CUTTING

30

12PM SHOP TRAINING
2PM LASER CUTTING
3PM CNC MILL & ROUTER
4PM 3D PRINTING
5PM TORMACH

**PLEASE VISIT SCC.LOSRIOS.EDU/MAKER FOR SCHEDULE UPDATES
& FOLLOW US ON INSTAGRAM & TWITTER (SCCMAKERSPACE)**