

CBI Maker Space Course Directory

Revised May 2015

COURSE ID	COURSE NAME	COURSE DESCRIPTION	EQUIPMENT ACCESS	PREREQUISITE
Safety Courses				
	REQUIRED OF ALL MEMBERS			
CB901-501	Maker Space Safety and Basic Use	Safety and Basic Use Introduction for all Members	Access to Maker Space	
Vinyl Cutting				
CB902-501	CNC Vinyl Cutter SBU	Safety and Basic Use - Vinyl Cutter	US Cutter Vinyl Cutter	
CB903-501	T-Shirt Design	Heat Transfer your design to T-Shirt	Heat Transfer Equipment	CB902-501
CB904-501	Wall Decals & Signs	Transfer your design to wall decals or signs		CB902-501
Laser Cutting				
CB905-501	CNC Laser Cutting SBU	Safety and Basic Use - Laser	Full Spectrum Laser Cutter	
Textiles				
CB906-501	Basic Sewing Machine SBU	Safety and Basic Use - Sewing Machine	Sewing Machine	
CB907-501	CNC Embroidery SBU	Safety and Basic Use - Embroidery Machine	Brother Embroidery Machine	
CB908-501	Digitizer CNC Embroidery Software	Basic Digitizing for Embroidery Machine		CB907-501
CB909-501	Knitting Machine SBU	Safety and Basic Use - Knitting Machine	Brother Knitting Machine	
Electronics				
CB910-501	Basic Soldering SBU	Safety and Basic Use - Soldering & Basic Electronics	Electronics Bench	
CB911-501	Building an Arduino	Introduction and Special Projects using Arduino Controller	Electronics Bench	CB910-501
CB912-501	Arduino Part 2 - Basic Programming	Programming	Electronics Bench	CB910-501
CB913-501	Raspberry Pi	Introduction and Special Projects using Raspberry Pi	Electronics Bench	CB910-501
CB914-501	Electronic Instruments	Safety and Basic Use - Electronic Instruments	Electronics Bench	CB910-501
CB935-501	Computer Repair	Diagnostics, Hard drive recovery, Virus removal	Electronics Bench	
CAD Software				
CB915-501	Inkscape Basics	Vector Graphics for Designing 2D pattern for Vinyl & Laser	Design Computers	
CB916-501	Designspark Mechanical Basics	3D Modeling for Designing for 3D printing	Design Computers	
CB917-501	Open Source Projects	For 2D Vinyl & Laser cutting or 3D printing	Design Computers	
3-D Printing				
CB918-501	3-D Printing SBU	Safety and Basic Use - 3-D Printing	Robo 3D	
CB919-501	3-D Printing in 3 Easy Steps	Overview, Design and Print your own project		CB918-501
Woodworking Shop				
CB920-501	Woodworking Shop SBU	Safety and Basic Use - Sanders, Scroll Saw, Drill Press	Sanders, Scroll Saw, Drill Press	
CB921-501	Router & Miter Saw SBU	Safety and Basic Use - Router & Miter Saw	Router & Miter Saw	
CB922-501	Wood Lathe SBU	Safety and Basic Use - Lathe	Wood Lathe	
CB923-501	Jointer, Planer & Router SBU	Safety and Basic Use - Jonter, Planer, Router	Jointer, Planer, Router	

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COURSE ID	COURSE NAME	COURSE DESCRIPTION	EQUIPMENT ACCESS	PREREQUISITE
CB924-501	Table Saw SBU	Safety and Basic Use - Table Saw	Table Saw	
CB925-501	ShopBot SBU	Safety and Basic Use - ShopBot	ShopBot	
CB926-501	Panel Saw SBU	Safety and Basic Use - Panel Saw	Panel Saw	
Wood Projects				
CB927-501	Bench Making	Woodworking Project - Bench Making		CB920-501
CB928-501	Picnic Table Making	Woodworking Project - Picnic Table Making		CB920-501
CB929-501	Bench Planter Making	Woodworking Project - Bench Planter		CB920-501
CB934-501	Picture Frame Making	Woodworking Project - Picture Frame		CB920-501, CB921-501
Assembly Area				
CB930-501	Hand Tools and Power Tools SBU	Safety and Basic Use - Assembly Area Tools	Assembly Area Tools	
CB931-501	Hand Tool Overview	Choosing the Right Tool for the Job		CB930-501
Measurement				
CB932-501	Measurement - Metric & English	Understanding how to Measure Twice - Cut Once		
Make Camp 2015				
CB933-501	Make Camp 2015	July 13-17, 2015 Week long day camp for youth ages 8-17	Registration Required by June 30	

**Call 931-456-4910 to register. Class sizes are limited.
Class schedules based on instructor availability**

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