



LOVELAND **CREATORSPACE**

Class Offerings for the Sweetheart CityPASS

Introduction

We are excited to offer these classes through the CityPASS program and look forward to being of service to its participants.

The following classes will be available through the Sweetheart CityPASS program sponsored by the Loveland Public Library. The Loveland CreatorSpace will offer 20 City Passes that can be used to take any one of the classes listed below. In order to take one of these classes using a CityPASS the recipient will need to sign up for the class via Meetup.com or call to schedule a class if one is not available, you can find more details below.

Available Classes

Over the summer and fall we will be offering the following classes. The details for each class will include a brief summary, its availability, and any age restrictions that apply. If a class allows anyone under 18 years of age an adult will need to accompany them and the CityPASS will be good for both the adult and child.

Intro to the X-Carve

In this class the student will learn the basics of how to use our computer controlled router to cut complex shapes out of wood. The class will be taught using the X-Carve system from Inventables and their easy to use software, Easel. After taking this class students will have a basic understanding of the X-Carve system and where to start to begin on their own projects. This is also a great starting point to learn how some of our more heavy duty CNC's work.

This class is for those 18 years or older. To give participants time to experiment with the machine, this class is limited to 5 or less per class.

Intro to Vinyl Plotter

Want to learn how to make a window decal? How about stickers or vinyl signs? This is a great place to start. In this class you will learn how to use our vinyl cutter AKA plotter, the basics of the software, and how to create the files you need to make your own design.

This class has limited teacher availability. Open to anyone 13 years or older, anyone under 18 years old requires an adult to join them during the class. One CityPASS covers both the adult and child.



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Basic Woodshop

Is there a woodworking project you have always wanted to work on but have never been in a woodshop? Here is your chance to learn your way around our shop and the tools within. You will learn the basics of our woodshop and will receive some hands on experience with basic tools.

This class is for those 18 years or older. To give participants time to experiment with the tools, this class is limited to 5 or less per class.

Intro to 3D Printing

3D printing is an expanding field and allows you to create amazing objects. In this class we will learn the basics of using the 3dprinter, the software for setting up your print, and where you can find fun designs to create. We will even include some tips on how to take it to the next level and create your own designs.

Open to anyone 13 years or older, anyone under 18 years old requires an adult to join them during the class. One CityPASS covers both the adult and child.

Intro to Laser Cutter

Do not worry, this laser is not part of an evil genius's plan. In this class we will teach the safe way to use our laser cutter to etch or cut different shapes and designs. Whether you are looking to create a box, etch a cool design on acrylic, or cut out the pieces to make a pirate ship. You will learn the basics of using the laser cutter, the software, and how to import designs.

Open to anyone 13 years or older, anyone under 18 years old requires an adult to join them during the class. One CityPASS covers both the adult and child. To give participants time to experiment with the machine, this class is limited to 5 or less per class.

Arduino Basics

Have you ever wondered how electronics work? In this class we dive into the basics of a circuit with hands on experiments using the Arduino development board. You will get to build a circuit, write the basic code to get it to run, and interact with the circuit you created.

Open to anyone 13 years or older, anyone under 18 years old requires an adult to join them during the class. One CityPASS covers both the adult and child. To give participants time to experiment with the development board, this class is limited to 5 or less per class.

Any Intro Classes within the Entrepreneurial Maker Series

This is a series of classes that will be hosted over the summer where we discuss tips and tricks for succeeding as an entrepreneurial maker. We will go over things like websites, stages of a business, getting your idea to market, things to watch out for, etc.

Open to anyone 13 years or older, anyone under 18 years old requires an adult to join them during the class. One CityPASS covers both the adult and child.



LOVELAND CREATORSPACE

Intro to Mini CNC Mill

Do you have an interest in how things are machined? In this class you will learn the basics of how to use the CNC Mill. This computer controlled mill can cut complex shapes out of several kinds of metal. This is an entry level class on our mini CNC Mill.

This class is for those 18 years or older. To give participants time to experiment with the machine, this class is limited to 5 or less per class. This class has limited teacher availability.

Where to find classes or schedule them

The classes listed above will be scheduled at different times throughout the summer and fall via our Meetup profile located at <https://www.meetup.com/Loveland-CO-CreatorSpace>. Any class that accepts a CityPASS will have that option listed within the payment options. If a CityPASS recipient is interested in a class listed above that has not been scheduled yet, they can call the Coordinator here at the Loveland CreatorSpace to let us know they are interested in a class and we will work with that teacher to get one scheduled. The Coordinators direct phone number is (970) 528-5088.

Restrictions

Some classes we have multiple teachers available, but others will only be available based on the teacher's availability. Sometimes equipment goes down for short periods, so classes may get delayed. Classes may have an age restriction and we do not allow unattended children at the space. Each participant will need to sign a waiver when they enter the space since they will be entering an active workshop. Passes cannot be used for membership and after the class, participants will need a membership to use any equipment. Face masks will be required, and classes are subject to changing health and safety restrictions.