

Open Hours

3D Printer - 3D Carving Machine - Laser Cutter - Vinyl Cutter

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
12 - 5:30pm	12 - 7:30pm	12 - 7:30pm	12 - 7:30pm	12 - 4:30pm	10am - 4:30pm

Equipment Certification

3D Printer

Tuesday, September 3, 6-7:30 pm
Friday, September 20, 3-4:30 pm

Laser Cutter

Wednesday, September 11, 3-4:30 pm
Thursday, September 26, 6-7:30 pm

Vinyl Cutter

Thursday, September 12, 6-7:30 pm
Wednesday, September 25, 3-4:30 pm

3D Carving Machine

Tuesday, September 17, 6-7:30 pm
Saturday, September 28, 2-3:30 pm

Certificaciones en Español

Solo Por Cita

Virtual Reality Program

Wednesday, September 4, 6-7:30 pm

Learn how to build 3D virtual worlds for VR experiences, animated films, and video games using the Unreal Engine. Each session will cover a different type of world and skill. Feel free to attend one session or all! This program is open to ages 13 and up. Space is limited, please register.



Graphic Design

Introduction to the Wacom Tablet

Friday, September 13, 3-4 pm

Introduction to Adobe Photoshop

Monday, September 16, 6-7 pm

Introduction to Adobe Illustrator

Thursday, September 19, 6-7 pm



Creative Programs

Keychain and Bracelet Workshop

Saturday, September 7, 2-3:30 pm

Make an Upcycled Bag

Tuesday, September 10, 5:30-7 pm

Make a Custom Ice Cube Tray

Wednesday, September 18, 3-4 pm

Sewing Club

Tuesday, September 24, 6 - 7:30pm

Drop in and get creative!



Register for all Tinker Lab programs and office hours online at nhfpl.org/ives-squared

Creative-in-Residence: Chris Ward



Chris is a filmmaker and educator living in New Haven, CT. His directed documentary films have screened at Dok Leipzig, Big Sky, Boston Independent and Imagine Science Film Festivals, among others. In 2016, he graduated from the Documentary Film and Video program at Stanford University. Before moving to Connecticut, Chris lived in San Francisco and Los Angeles where he worked in a variety of film crew roles, including the sound and camera departments of films and shows featured Showtime, Netflix and PBS. Chris has taught at Ventura College, Loyola Marymount University and UCLA Extension, and is currently an Assistant Teaching Professor at Quinnipiac University in Hamden.

Office Hours:

Wednesdays, 5:30-7:30 pm
(6-8 pm on the first Wednesday of the month)

Photography Basics - Visual Principles

Wednesday, September 18, 6-8 pm

Saturday, September 21, 1-3 pm

What makes a compelling photograph? What are visual rules that make films and photographs appealing and persuading? In this workshop you will learn the universal visual principles that you can use to take beautiful snapshots and videos with the camera on your smart phone, or a DSLR with your device's charging cable. We will go over concepts like focus, diffusion, and rule of thirds. After learning some photography concepts, we will go on a short photo walk around the Library to try out these new concepts. Ages 12+.

Video Editing Basics - Learning how to edit a music video with Adobe Premiere Pro

Saturday, September 28, 1-3 pm

In this basic editing class, patrons will learn how to load music and video into a Premiere Pro timeline, in order to create a dynamic music video. Concepts explored will include: analyzing audio waveforms, cutting to a beat and exporting a video to the internet. Ages 12+.

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