



# MEDIA TEACHING LABS

## Winter 2020 Workshops



- *Beginning Class*



- *Intermediate Class*



- *Advanced Class*

### Camera

#### **Sony NX3 Camera**

With built-in ND filters to cut down light and dual XLR inputs, the Sony NX3 is ready for anything and everything! Come learn the basics of using the camera, as well as techniques for getting the best image, no matter what the conditions.

Week 2: Thursday, January 16 @ 2:30pm - Held in **MCC Room 139**.

Week 5: Friday, February 7 @ 1pm - Held in **MCC Room 140**.

#### **DSLR Camera**

Come learn how to use our Canon 6D DSLR cameras for shooting video! We will discuss how to achieve good exposure, white balance, and audio levels, as well as how to decipher frame rates, resolution, and different types of lenses. Held in **MCC Room 140**.

Week 2: Thursday, January 16 @ 12:30pm

Week 6: Friday, February 14 @ 11am

#### **Blackmagic Pocket Cinema Camera**

*This camera is limited to students who have completed Vis 70 or Comm 101. If you are in Vis 174 you must take this workshop to receive checkout privileges for this camera.*

Come learn all about these minimal yet powerful cameras. We'll take you through the complete workflow of how to shoot manually with a cinema camera and expose for great shots, as well as delving into the world of cine lenses and 16mm sensors!

Week 2: Friday, January 17 @ 10am - Held in **MCC Room 140**.

Week 3: Thursday, January 23 @ 1:30pm - Held in **MCC Room 139**.

Week 6: Thursday, February 13 @ 10:30am - Held in **MCC Room 140**.

#### **16mm Camera**

The UCSD Media Lab has six Arri-S 16mm film cameras available for checkout. Learn to load film, focus, compose, and shoot with these fantastic cameras! We'll also cover the specific planning and considerations that go into analog filmmaking. Held in **MCC Room 140**.

Week 2: Friday, January 17 @ 2pm

Week 4: Thursday, January 30 @ 11:30am

# MEDIA TEACHING LABS

## Winter 2020 Workshops

### Camera Continued...

#### **Light Metering and Camera Exposure**

What are ND filters and light meters for? Come learn the answers to these questions and more, where we'll go over how to expose your footage properly. Held in **MCC Room 140**.

Week 2: Thursday, January 16 @ 11:30am

Week 6: Friday, February 14 @ 12pm

#### **Jib & Dolly**

Learn how to properly rig a jib or dolly to add some additional camera movement in your productions. This workshop will guide you through safety, set up, and tricks for using jibs & dollies on and off location. Held in **MCC Room 140**.

Week 6: Friday, February 14 @ 2pm

#### **Camera Stabilization**

How can I reduce camera shake in my footage? This workshop is all about getting the steady and beautiful shots that you want from a camera in motion. Learn how to set up and operate the Glidecam handheld stabilizer systems to get rid of unwanted shaking. Held in **MCC Room 140**.

Week 3: Friday, January 24 @ 11am

#### **Advanced Cameras**

*These workshops are 2 hours long. Only students in Advanced Courses can check out the FS700, A7-series and C-200 cameras, and to do so, they must attend one of these workshops.*

We are very excited to have five of the most exciting production cameras available: The Canon C-200, the Sony FS-700, the Blackmagic Pocket Cinema Camera, the Canon 5D Mark IV and the Sony A7-series cameras. Come learn about each camera, their amazing capabilities, their strengths and weaknesses. Learn how to choose the right camera and gear for your project, and how to unlock their potential! We will also cover ancillary support items such as follow focus units, fluid-head tripods, monitor/recorders, and an array of prime and zoom lenses.

**WORKSHOPS WILL BE TWO HOURS. Held in MCC Room 140.**

Week 3: Thursday, January 23 from 10:30am – 12:30pm

Week 5: Friday, February 7 from 10am – 12pm

# MEDIA TEACHING LABS

## Winter 2020 Workshops

### Lighting

#### **Three-Point Lighting**

Curious about lighting? Come to an introduction workshop on three-point lighting techniques and learn how to use our continuous LED lights with stands, as well as gels, reflectors, and other creative elements.

Held in **MCC Room 140**.

Week 4: Friday, January 31 @ 1pm

Week 5: Thursday, February 6 @ 11:30am

#### **Studio Lighting**

Come learn how to hang, move, and focus the studio lights in MCC 140 and 139. We will also talk about using them to light a set, light a green screen, and more.

Held in **MCC Room 140**.

Week 4: Friday, January 31 @ 2pm

Week 5: Thursday, February 6 @ 12:30pm

#### **Introduction to Flash Photography**

Learn the fundamentals of flash photography to enhance your day & night photos using the Yongnuo Speedlites. This workshop will show you how to use a flash in manual mode as well as cover the various settings when using multiple speedlites or ETTL / TTL.

Held in **MCC Room 140**.

Week 4: Friday, January 31 @ 10am

# MEDIA TEACHING LABS

## Winter 2020 Workshops

### Sound

#### **Location Sound Recording**

Sound is fifty percent of your video! We'll go over how to use our audio recorders, troubleshoot common sound problems, and learn the basics of microphones.

Week 3: Friday, January 24 @ 2pm - Held in **MCC Room 140**.

Week 6: Thursday, February 13 @ 2:30pm - Held in **MCC Room 139**.

#### **Microphone Techniques: Show & Tell**

The Media Teaching Lab has a wide variety of microphones available for checkout. There is no *one* magic microphone! All our mics can be used in different ways depending on your needs. Knowing them better will help you get amazing results. Held in **MCC Room 140**.

Week 3: Friday, January 24 @ 3pm - Held in **MCC Room 140**.

Week 6: Thursday, February 13 @ 3:30pm - Held in **MCC Room 139**.

#### **Intro to Sound Design**

Sound design can be amazingly evocative and flexible. We'll explore audio postproduction and sound design for dialog editing, sound effects, mixing, and cleanup. Held in **MCC Room 221**.

Week 2: Thursday, January 16 @ 1:30pm

Week 4: Friday, January 31 @ 11am

#### **Sound Editing in Premiere**

Sound is an often overlooked aspect of editing, but it can make ALL the difference. We'll focus on how to set up a sequence for sound, make transitions, balance dialog, and mix music, ambience, and tone. Held in **MCC Room 221**.

Week 4: Friday, January 31 @ 12pm

Week 6: Thursday, February 13 @ 11:30am

# MEDIA TEACHING LABS

## Winter 2020 Workshops

### Editing

#### **Adobe Premiere CC: Getting Started**

Premiere is the go-to, do-everything video editing software. Learn how to bring in footage, sort and organize your projects, make edits and export your movie. Held in **MCC Room 221**.

Week 3: Friday, January 24 @ 10am

Week 5: Thursday, February 6 @ 1:30pm

Week 6: Friday, February 14 @ 3pm

#### **Adobe Premiere CC: Intermediate Workshop**

Delve deeper into the ways Premiere can help you make smarter, better-looking edits. Using real world examples, we'll explore editing technique and best practices. Held in **MCC Room 221**.

Week 2: Friday, January 17 @ 11am

Week 5: Thursday, February 6 @ 2:30pm

#### **Avid Media Composer: Getting Started**

The standard bearer for professional video editors, Avid Media Composer is highly customizable and robust. Learn how to bring in footage, sort and organize your projects, and make edits.

Week 3: Thursday, January 23 @ 2:30pm - Held in **MCC Room 251**.

Week 5: Friday, February 7 @ 2pm - Held in **MCC Room 221**.

#### **Video Compression**

ProRes, Mpeg, H264: What are those? And what's a codec or a bitrate anyway? Learn simple ways to get a great looking output every time. Held in **MCC Room 221**.

Week 5: Thursday, February 6 @ 10:30am

Week 6: Friday, February 14 @ 10am

#### **The Mysterious World of Workflow: Strategies for 4k and Proxy Files**

We will take a look at essential postproduction processes such as editing with low res proxy files and then reconnecting to 4k camera files for color correction and finishing (offline to online), as well as other intricacies of what some people just call...workflow. Held in **MCC Room 251**.

Week 4: Thursday, January 30 @ 1:30pm

# MEDIA TEACHING LABS

## Winter 2020 Workshops

### Effects & Color

#### **Intro to Adobe After Effects: Compositing Green Screen**

This workshop will introduce you to the interface and tools of this powerful motion graphics and visual effects software. You will learn how to set up a project, composite green screen footage, apply basic transforms and effects, and export out your finished video. Held in **MCC Room 221**.

Week 2: Thursday, January 16 @ 10:30am

Week 6: Friday, February 14 @ 1pm

#### **Intermediate After Effects: Tracking and Masks**

This workshop will concentrate on the “invisible” skills that are essential to any kind of visual effects or motion graphics work – using masks and shape layers, and then tracking them through space. Held in **MCC Room 221**.

Week 2: Friday, January 17 @ 1pm

Week 4: Thursday, January 30 @ 10:30am

#### **Adobe After Effects: Tips and Tricks**

*With Seth Marshburn: UCSD Alumni; Senior Producer-Director at ITS Ed Tech Services*

In this project-based workshop, we’ll dive into the process of making motion graphics and animation. Learn about timesaving workflows, powerful plugins, and various tips and tricks to help shape your After Effects work. Held in **MCC Room 221**.

Week 3: Thursday, January 23 @ 12:30pm

Week 5: Friday, February 7 @ 12pm

#### **Intro to Color Correction using Premiere Pro**

Learn the basics of color correction without leaving Premiere! We will break down how to fix issues like bad exposure or white balance, as well as introducing some fundamental tools such as scopes, curves, and windows. Held in **MCC Room 221**.

Week 3: Friday, January 24 @ 12pm.

Week 6: Thursday, February 13 @ 1:30pm.

#### **Advanced Color Correction using DaVinci Resolve**

Learn how to use Davinci Resolve, one of the top professional editing and color correction platforms available. We will tackle intermediate to advanced concepts, like working with nodes, LUTs, color spaces, and power windows.

Week 3: Friday, January 24 @ 1pm - Held in **MCC Room 221**.

Week 4: Thursday, January 30 @ 2:30pm - Held in **MCC Room 251**.

# MEDIA TEACHING LABS

## Winter 2020 Workshops

### Special Topics

#### ***Infrared Camera*** with Adriene Hughes

Curious about how to use our infrared camera? How is infrared different than other visual effects? Come to this workshop to learn the basics of this technique. Held in **MCC Room 251**.

Week 6: Thursday, February 13 @ 12:30pm.

#### ***Stop-Motion Animation***

The Media Teaching Lab has 8 animation laptop kits, that you can check out for up to ONE WEEK at a time. To obtain checkout privileges, you must attend one of these workshops.

This workshop is an introduction to Dragonframe - the animation software program that has become the stop-motion industry standard. We will be exploring ways to prep for a project, how to integrate a DSLR camera into the software, and some basic techniques of animation.

Held in **MCC Room 140**.

Week 2: Friday, January 17 @ 12pm

Week 5: Friday, February 7 @ 3pm

#### ***Structure from Motion***

*With Scott McAvoy: Technology / Media Specialist, UC San Diego Library.*

An introduction to 3D photo model workflows and their use in compositing shots. This technology is used widely to create high quality 3D models using systematic photography. Tools include Agisoft Photoscan and Adobe After Effects. Held in **MCC Room 140**.

Week 4: Friday, January 31 @ 4pm

#### ***Data Visualization***

*With Scott McAvoy: Technology / Media Specialist, UC San Diego Library.*

Animated maps, 3D models, interactive graphs, node charts, medical imagery, molecular models... See the range of visual data freely available and simple methods to integrate data visualization into your media. Held in **MCC Room 140**.

Week 6: Friday, February 14 @ 4pm

# MEDIA TEACHING LABS

## Winter 2020 Workshops

### F.A.Q.

#### ***Who can attend these workshops?***

Anyone in the UCSD community is welcome to attend! Equipment checkout privileges are determined by course enrollment, and in certain cases like the advanced cameras, also on workshop attendance. Bring your student I.D. to swipe in for attendance.

#### ***I already own/know the equipment. Can I “test out” and get privileges?***

NO! With so many workshops and so many advanced students, we simply cannot make the time to individually evaluate students. Attending these workshops is *the only way* to get checkout privileges for cameras like the Sony FS700, A7-series and Canon C-200.

#### ***Do I need to RSVP or reserve my place in the workshop?***

NO! Workshops are first come, first served. They do fill up fast, so we recommend arriving 10-15 minutes early.

#### ***How long are the workshops?***

All workshops are **one hour** long. The only exception is our Advanced Camera workshop, which is two hours in length. Some workshops, such as Sound Recording and Microphone Techniques are scheduled back to back so that you can take them as a sequence, if you choose.

#### ***Are any of these workshops online?***

Yes! We have created a video tutorial version of our **Intro to Premiere** workshop, accessible via Canvas. Check with your professor about whether this is available for class credit. More workshops will be available online in the future. <https://canvas.ucsd.edu/courses/4441>

#### ***What are these bunnies all about?***

Our workshops span a range of beginning to advanced subject matter. We want to make sure that each student can get the most out of the workshops they choose to attend. But they are only suggestions, feel free to attend any workshop that catches your eye.



= *Beginning Class*



= *Intermediate Class*



= *Advanced Class*



# Media Teaching Lab - Winter 2020 Workshops

	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	
<b>THURSDAY</b>	January 16th	January 23rd	January 30th	February 6th	February 13th	<b>THURSDAY</b>
10:30a	Intro to After Effects	Advanced Camera	Intermediate After Effects	Video Compression	Blackmagic Camera	10:30a
11:30a	Light Metering		16mm Camera	Three-Point Lighting	Sound Editing	11:30a
12:30p	DSLR Camera	After Effects: Tips & Tricks		Studio Lighting	Infrared Camera	12:30p
1:30p	Intro to Sound Design	Blackmagic Camera	4K Proxy Workflow	Intro to Premiere	Intro to Color Correction	1:30p
2:30p	Sony NX3 Camera	Intro to AVID	Advanced Color Correction	Intermediate Premiere	Location Sound Recording	2:30p
3:30p					Microphone Techniques	3:30p
<b>FRIDAY</b>	January 17th	January 24th	January 31st	February 7th	February 14th	<b>FRIDAY</b>
10a	Blackmagic Camera	Intro to Premiere	Intro to Flash Photography	Advanced Camera	Video Compression	10a
11a	Intermediate Premiere	Camera Stabilization	Intro to Sound Design		DSLR Camera	
12p	Stop Motion Animation	Intro to Color Correction	Sound Editing	After Effects: Tips & Tricks	Light Metering	12p
1p	Intermediate After Effects	Advanced Color Correction	Three-Point Lighting	Sony NX3 Camera	Intro to After Effects	1p
2p	16mm Camera	Location Sound Recording	Studio Lighting	Intro to AVID	Jib & Dolly	2p
3p		Microphone Techniques		Stop Motion Animation	Intro to Premiere	3p
4p			Structure from Motion		Data Visualization	4p