

## DIGITAL MEDIA SKILLS CERTIFICATE EQUIPMENT & SOFTWARE

### REQUIRED EQUIPMENT & SOFTWARE

Having the required equipment and software will assure your success in this course. Please read this document carefully and if you have any questions contact us at [advancedmedia@journalism.berkeley.edu](mailto:advancedmedia@journalism.berkeley.edu).

#### I. Laptop

A Mac or PC laptop is fine, however, the Macbook Air or a laptop older than 2013 may not be sufficient to process the Adobe software or other apps used during the course.

#### II. Adobe Creative Cloud

Your laptop must be able to effectively process video and photo assignments using Adobe Creative Cloud. We will be using Adobe Audition, Premiere, and Photoshop during this course. Adobe Creative Cloud offers a [free 30 day trial](#) which we recommend prior to purchase. Adobe Creative Cloud is a subscription based software. An additional month of use will be required to complete the course.

#### III. Hard Drive

An external hard drive with at least 200GB of free space that connects directly to your laptop. A USB 3.0+, Thunderbolt, or Firewire 800 are all options for adequate speed related connections. Do not rely on USB 2.0 as it is too slow for editing video.

Hard drive connection examples:

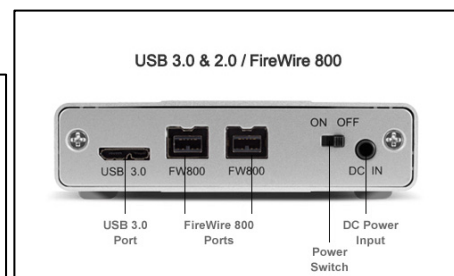
##### USB 3



##### Thunderbolt



##### Firewire 800



#### IV. Stereo Headphones

Any good quality stereo headphones, for editing audio, that connect directly to your laptop.



#### V. Video Camera (see Rental Options)

A video camera that accepts XLR cables for audio.



#### VI. Microphone (see Rental Options)

A short shotgun microphone compatible with your video camera.



#### Optional Microphone (see Rental Options)

A wireless lavalier mic is useful for portable wireless operation such as interviews and other recording applications.

### **VIII. Tripod (see Rental Options)**

A tripod with head that securely attaches to your video camera. Most cameras and tripods have a standard mount, but you will need to verify that your camera will mount to the tripod you select.



### **IX. Photo Camera**

We will provide use of our Canon Rebel T3i cameras. More information on this camera can be found in this tutorial: <http://multimedia.journalism.berkeley.edu/tutorials/canon-rebel-t3i/>

If you choose to bring your own photo camera you may do so. The specifications for use of your own camera are as follows: A SLR or other interchangeable lens camera (Sony, Panasonic, Fuji, Samsung), or a high-quality point-and-shoot with the option to manually control shutter speed and aperture (like a Fuji X100, or higher end Canon Powershot, or Nikon Coolpix.)

### **X. Other Software**

Instructors may require additional software or apps to be downloaded during the course. Generally, this software is free or is offered with a free trial period.

## RENTAL OPTIONS

If you do not own suitable equipment for your video shoot, you will need to rent it. An option for online ordering is via Borrowlenses.com: rent- ship- shoot-return

Equipment you'll need for the field assignment is as follows. **Check with Berkeley AMI instructor for scheduled video dates in advance of rental.** This assures you'll rent the equipment for only the dates you need.

### **Compact Video Camera (Camcorder), Cardioid Shotgun Condenser Microphone, Wireless Lavalier Microphone, Tripod**

#### **Item 1 Compact Camcorder**

Sony PXW-X70 Professional XDCAM Compact Camcorder

<http://www.borrowlenses.com/product/Sony-PXWX70-Professional-XDCAM-Compact-Camcorder>

Kit includes:

Sony PXW-X70 Camcorder

Built-In Zeiss Sonnar T\* Lens

AC Adapter

XLR Handle with Microphone Holder (External Microphone Not Included)

Eyepiece

OLED Viewfinder

LCD

Remote

USB Cable

Built-In Omni-Directional Stereo Microphone

Lens Hood and Cap

**Battery**

Carrying Case

### **Item 2 Cardioid Shotgun Condenser Microphone**

Sennheiser ME66 Super-Cardioid Shotgun Condenser Microphone Kit

[http://www.borrowlenses.com/product/Sennheiser\\_ME66](http://www.borrowlenses.com/product/Sennheiser_ME66)

Kit includes:

ME66 - Short Shotgun Mic Capsule

K6 Powering Module (Battery or Phantom)

Alkaline Battery (1.5V)

SG-1 Windscreen

Universal Shockmount for Camera Shoes and Boompoles

1.5' 3-Pin XLR Male to Angled 3-Pin XLR Female

Alfa Case 12.5" MicTube

WindTech B-1 Microphone Pouch

### **Item 3 Wireless Lavalier Microphone**

Sennheiser EW122-p G3 Hot Shoe Wireless Lavalier Mic

[http://www.borrowlenses.com/product/sennheiser\\_lav](http://www.borrowlenses.com/product/sennheiser_lav)

Kit Includes:

EK 100 G3 Camera Mountable UHF Receiver

SK 100 G3 Bodypack Transmitter

ME4 Clip-On Cardioid Lavalier Microphone

1/8" Male to 1/8" Male Cable

1/8" Male to XLR Male Cable

Carrying Case

### **Item 4 Sachtler Ace M Fluid Head Tripod System**

<https://www.borrowlenses.com/product/Sachtler-Ace-M-Fluid-Head-with-2Stage-Aluminum-Tripod--MidLevel-Spreader>

Kit includes:

Ace M 75mm Fluid Head

Ace Tripod Legs

Ace Mid-Level Spreader

Ace Pan Bar