

Kinetic Imaging Equipment Requirements:

- Computer (Mac or PC)
 - Please reference this [page](#) for guidance on computer requirements
- USB Hub
 - Look for one with HDMI, USB, SD Card Reader
- 2 TB External hard drive
- Over-the-ear studio headphones
- Class 10 SD Cards
 - Minimum 1 32GB SD Card
 - Recommended: 1 64 GB or higher for cameras, and 1 16GB for Zoom recorders
- AA Batteries
- Adafruit Circuit Playground
 - Needed for Creative Code and Electronics, may be able to source from students that have taken previously
- DSLR or Mirrorless camera with video capability

Recommended Equipment

- Tripod
- Audio Recorder
- Class 10 micro SD card +adapter
- 16GB USB memory stick (thumb drive)

Equipment Recommendations

B&H is a great place to shop for equipment. They offer student discounts and have a used section.

Back Market sells refurbished laptops and other tech.

MPB sells used cameras

Headphones

Sennheiser, Sony, Audio-Technica

Hard Drives

Lacie, OWC Mercury, Western Digital, Sandisk

SD cards

Sandisk

USB Hubs

Anker, Belkin

Cameras

Canon Rebel SL3 (with 18-55mm lens)

Canon Rebel T7 (with 18-55mm lens)

Canon R50 (with 18-45mm lens)

Canon R100 (with 18-45mm lens)

Sony ZV-E10 (with 16-50mm lens)

Sony Alpha a6100 (with 16-50mm lens)

Olympus OM-D E-M10 Mark IV (with 14-42mm lens)

Panasonic Lumix G7 (with 14-42mm lens) – note, only 16 megapixels for stills, but excellent video

Camera technology changes rapidly. It is recommended that you wait until entry into the department, use some of the cameras that are available for rental, and talk with your instructors.

Look for something that shoots 1920 x 1080p (Full HD) 1280 x 720p (HD), 640 x 480p (SD). Most new camera models will also shoot 4k with higher frame rate capturing at 1080p. This is not essential but can be very helpful. The cameras listed are DSLR and mirrorless cameras, which will work on the animation stand as well as for video.

Audio Recorders

Zoom H4Essential

Tascam DR-40X

Tripods

Vanguard VEO 3+ 263AP