



Supply List for the Photography & Imaging Major

Name: STDA (for Studio Arts) Kits

Academic Year: 2018-2019

Contact person: Nathan Skiles, nskiles@c.ringling.edu

- ✓ This item can be purchased from the Ringling College Art Supply Store individually or in a "Kit," pre-assembled for your convenience.

Photography & Imaging Kit

- ✓ 3/4" White artist tape, one roll
- ✓ Pencils 2H through 4B (one of each - total of 6 pencils)
- ✓ Vine charcoal, 3 sticks soft, three boxes
- ✓ Compressed charcoal, 4-stick pack, three packages
- ✓ Sketchbook (11"x14")
- ✓ Newsprint 120 sheet pads (18"x24"), two pads (18"x24")
- ✓ 100 push pins (silver or clear)
- ✓ 36" Straight edge steel rule with cork backing
- ✓ X-ACTO #2 Knife With Safety Cap
- ✓ X-ACTO Dispenser with #2 Blades, Pack of 15
- ✓ 19" x 25" Black Canson Mi Teintes drawing paper
- ✓ 19" x 25" Felt Gray Canson Mi Teintes drawing paper
- ✓ 19" x 25" White Canson Mi Teintes drawing paper

These items are required for all majors. They are not part of the kit and must be purchased individually. The Ringling College Art Supply Store carries flash/thumb drives, hard drives, and foam core board, but not the compact flash/sd cards.

- One 16 or 32 gb flash/thumb drive
- One 1tb portable hard drive
- 8 sheets 20"x30"x3/16" Foam Core Board (purchase when needed)
- Two 32 gb Class 10 compact flash/sd cards

Questions may be directed to the faculty contact, Nathan Skiles, nskiles@c.ringling.edu or the store manager, (941) 359-7565, store@ringling.edu.

See next page for camera equipment requirements

Photography and Imaging Department

Required and Recommended Equipment List

Academic Year 2019-20

Dear New Photography & Imaging Student,

All entering Ringling College of Art and Design Photography & Imaging majors should purchase the specialty equipment detailed below to begin classes in their major. If you have questions, please contact Melissa Kreider via phone at 941.359.7609 or via email at mkreider@c.ringling.edu.

Required Digital Photographic Equipment

Ringling College of Art and Design does not endorse any particular photographic equipment supplier. You are strongly encouraged to conduct your own Internet pricing and reputation research before choosing from whom to purchase your equipment.

Reputable Internet dealers, which have been used by Ringling College faculty, include:

B&H Photo and Video www.bhphotvideo.com
Freestyle Photographic Supply.....www.freestylephoto.biz
Adorama www.adorama.com
Unique Photo Inc. www.uniquephoto.com
Roberts Camera.....<http://robertscamera.com>

Two good sources for used photographic equipment are www.KEH.com and www.mpex.com

A web site to check for a dealer's reputation is www.resellerratings.com.

NOTE: Beware of Internet dealers offering unbelievable, "too good to be true" prices. Many of these dealers may be selling refurbished vs. new equipment, equipment that is manufactured with lesser quality materials, "imitation" brand names, and/or out-of-warranty products. Purchases from these kinds of dealers will likely include warranties that will not be honored in the USA by the manufacturer.

Please consider the following before making a decision to purchase a camera and lens. There are two parts to the purchase, the camera body and lens(s). Camera bodies tend to be replaced or updated by the manufactures on a regular schedule. Entry-level cameras are reiterated as often as every nine months. Professional level cameras are on a little longer schedule of a year to two years. Each new model will have an improved, enhanced feature set and improved image quality. Over time some profession features will find their way into entry-level cameras. The build quality on professional level cameras is much better. The introduction of a new model or updated model camera does not make the current camera obsolete.

There are two sizes of image sensors used in the cameras. Full frame sensors correspond to the full frame of traditional film (24mm x 36mm). Cropped sensor cameras having smaller sensors around half the size of a full frame sensor. Image sensors are the most expensive component of the camera and are the primary reason full frame cameras are cost much more. It is recommended the photography majors get a full frame camera if possible.

To keep cost down, camera manufacturers make less expensive lenses that work only with the cropped sensor cameras. These are the “S” series lenses in the Canon brand and the “DX” series lenses in the Nikon brand. Full frame lenses will work just fine on cropped sensor cameras but lenses intended for cropped sensor cameras will not work or work in a cropped mode on full frame cameras.

Lenses should be considered a long-term investment. Quality professional lenses purchased while a student will be used for many years beyond graduating.

Camera bodies should be considered a shorter-term purchase. As newer camera bodies are introduced there comes a time when there is a compelling reason to upgrade to a new camera.

Entry-level cameras and lenses will suffice to do the assignments and learn the concepts of making images. As students mature and refine their skills there will be the desire to upgrade to better performing equipment. If your budget allows please consider purchasing a full frame camera body from the start. There will be less reason to want to upgrade as you move through the program. A full frame camera body will be sufficient for a four-year program at Ringling College.

Camera manufacturers have added video capability to their cameras. All cameras listed below have video capability. Some classes in the curriculum require students to make videos

1. DIGITAL SINGLE LENS REFLEX CAMERA WITH INTERCHANGEABLE LENSES AND MIRRORLESS CAMERA OPTIONS

Ringling College’s Photography & Imaging faculty recommend Canon and Nikon as the best camera brands to consider. In the last several years Canon has generously donated a number of Canon L series lenses to the department. A good source on the Internet for reviews of digital cameras is: www.dpreview.com.

During the last five years Sony has introduced some highly rated mirrorless cameras like the A7 and A7R Series. These are lightweight, full frame sensor cameras capable of exceptional resolution. Nikon and Canon have now also introduced their versions of mirrorless cameras. Nikon has the Z6 and Z7 and Canon has the EOS RS and EOS R. These cameras are excellent but we have a much broader selection of lenses for checkout at Ringling College for the DSLR Canon and Nikon cameras. If students already have a mirrorless system with lenses then that would be fine for our program.

Please check vendors for current manufactures rebates, promotions and current pricing.

CANON

www.canon.com

http://www.usa.canon.com/cusa/consumer/products/cameras/sl_r_cameras

- EOS Rebel T6s (Cropped sensor) EF-S 18-135mm IS STM Lens
- EOS 80D (Cropped sensor) with EF-S18-200mm Lens
- EOS 6D (full frame sensor) with Canon 24-105mm f/4.0L IS USM AF Lens (highly recommended for photography majors and can be bought used now for a very good price)
- EOS 6D Mark II (full frame sensor) with Canon 24-105mm f/4.0L IS USM AF Lens (highly recommended for photography majors)
- EOS 5D Mark III (full frame sensor) with Canon 24-105mm f/4L IS USM AF Lens
- EOS 5D Mark IV (full frame sensor) with Canon 24-105mm f/4L IS USM AF Lens

NIKON

[nikonimaging.com](http://www.nikonimaging.com)

<http://www.nikonusa.com/en/Nikon-Products/dslr-cameras/index.page>

- D5600 (cropped sensor) Digital SLR Camera Kit with 18-55mm VR Lens
- D7700 (cropped sensor) DSLR Camera Kit with Nikon 18-140mm DX VR Lens
- D500 (cropped sensor) DSLR Camera Kit with Nikon 16-80mm lens
- D610 (full frame sensor) SLR Digital Camera with 24-120mm 1:4 VR Lens (highly recommended for photography majors)
- D750 SLR Digital Camera (full frame sensor) with 24-120mm 1:4 VR Lens
- D810 SLR Digital Camera (full frame sensor) with 24-120mm 1:4 VR Lens
- D850 SLR Digital Camera (full frame sensor) with 24-120mm 1:4 VR Lens (Nikon's top of the line DSLR)

All of the above listed Canon and Nikon cameras meet these requirements:

- Ability to show an image histogram on the camera's LCD screen
- RAW file format capability
- Manual exposure capability
- Video recording capability

SONY

<https://www.sony.com/electronics/cameras>

- Sony a9 (full frame sensor) mirrorless SLR Digital Camera with FE 24-105mm F4 G OSS Lens
- Sony a7r II & III (full frame sensor) mirrorless SLR Digital Camera with FE 24-105mm F4 G OSS Lens

2. MEMORY CARDS: LESS THAN \$100

Compact Flash and SD memory cards have become very affordable. Prices have steadily fallen for the last several years. If you can, purchase several sixteen or thirty two gigabyte cards. Large capacity memory cards with the appropriate recording speeds are necessary for using the video features of your camera. Check your camera manual.

COMPACTFLASH OR SD CARD READER: \$50 OR LESS

Used to download images to your computer.

3. PORTABLE FLASH: FROM \$300 TO \$550.

Major camera brands offer dedicated flashes for their cameras. These units offer a great deal of creative control but can be expensive.

- Canon dedicated flashes: 600EX9RT, 430 EXII
- Nikon dedicated flashes: SB-910, SB700
- Sony dedicated flashes: HVL-F60RM, HVL-F45RM

ALTERNATIVE FLASH BRANDS FOR CANON, SONY, AND NIKON CAMERAS:

- Metz (www.metz.de/en/photo_electronics)
- Sigma, (www.sigma-photo.co.jp/english/flash)
- Sunpak
- Nissin
- Yongnuo, reliable dedicated flashes for Canon and Nikon cameras

4. TRIPOD: \$100 - \$200

Must support the weight of your camera. Brands to consider:

- Tiltall brand tripods are good, solid, basic tripods. With care they will last for many years.
- Bogen/Manfroto tripods offer some affordable well-made entry-level tripods. The Induro brand of tripods is worth looking at also. Bogen/Manfrotto and Induro do offer student discounts. Register as a student at www.mac-on-campus.com to see the discounts Mamiya America Corporation offers to students. Mamiya America Corporation distributes many major brand of photo equipment.

Avoid inexpensive, lightweight tripods from department stores, they are too lightweight, easily broken and not repairable.

Digital Storage Recommendation

All Ringling College students receive digital storage space on the College's computer network. Due to the size of photographic images, however, additional space will be required to store your work.

There are several ways to store, back up, and transport your images. Burning CDs and DVDs should be considered as a temporary and redundant method of storage. External hard drives are far more flexible and should be considered as essential equipment for Photography & Imaging majors. These hard drives are divided into two types: 1) External drives built to attach to a desktop computer and not be moved; and 2) Portable hard drives. Portable hard drives are physically smaller than an equivalent external hard drive, they are designed to be mobile. An external hard drive with a capacity of 1 Terabyte kept in the student's dorm room and a portable with a 500 gigabyte capacity for transporting files to and from the computer labs and the dorm room is recommended. All important data files should be backed frequently to a second and possibly third medium! As the new school year approaches, large electronic stores like Best Buy will have very good prices on all types of digital storage. Prices for hard drives have continued to decrease as capacities have increased.

Information about digital storage issues can be found on the web at:

<http://www.dpreview.com/glossary/storage/issues>