

Photography @ VCD

Equipment: Recommended Cameras/Systems

Academic year 2018-2019

Photography @ VCD is a digital-based program and all images are made with digital cameras. As such, there are several camera options for you to consider. However, before you decide on your preferred camera system, first consider your major or area of concentration and the extent of your future involvement in and with photography. If you plan to major in Photography or take Photography classes beyond Photo 1, your camera will need to be tether-able (hard-wired) to a laptop. We recommend either Nikon or Canon cameras for a range of reasons including interchangeability with classmates, depreciation value, state-of-art, etc.

All cameras used in Photography @ VCD classes must be dSLR with interchangeable lens capability; feature a manual mode that allows for setting ISO, f-stop and shutter speeds; allow manual focusing and also have the ability to work in monochrome (black and white) mode. 18 mega-pixels is the minimum acceptable sensor resolution. Point and shoot and mirror-less cameras are not acceptable.

dSLR cameras offer greater technical and image control and allows use of a broad range of interchangeable lenses with a wide range of focal lengths. The cameras listed below are recommendations offered to allow for a spectrum of sophistication and price considerations. Technology is advancing rapidly so please carefully research your decision.

Note- If you currently own a DSLR that is not listed below, but meets the above requirements, chances are it may be fine for this class. However, tethering is required should you wish to advance in the photography program. In all cases, if you are unsure, check with the Department for guidance. Contact Assistant Professor Tim Bell at tbell32@kent.edu

Notes: Tether-able means the camera will connect directly to a laptop. Not required for Photo 1 but is for all other Photography classes. The prices/specifications stated below are for reference only. Please confirm pricing, specifications and tether-ability. We recommend B&H Video in New York as a reputable retailer with excellent pricing (we buy most of our equipment/supplies from them).

Additional accessories needed:

- Camera Cards (typically SD or CF or both): We recommend at least two, 16 GB cards (in speed class 6 or higher).
- Tether Cable: Good quality cable that will fit your camera body and connect to your Laptop (Mac-Book Pro). We recommend the Tether Tools brand. Minimum length is 6'-recommended is 15'.
- Backup Digital File Storage. There are many options for this purpose- external drives, Cloud-Based (Google Drive, Dropbox, etc), jump drives, external hard drives, etc. Make allowances to backup your work!!!
- Tripod: You will need a sturdy tripod for all classes beyond Photo 1. Depending upon your commitment/future involvement to the medium, select a tripod that is appropriate to your needs. Prices may range from \$50.00 to \$500.00.
- Additional battery: Your camera should come with a battery- you will need at least one additional as a spare.

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MANUFACTURER	MODEL	RESOLUTION (MP)	SENSOR-SIZE (APS-C/DX or FULL FRAME/FX)	PC SYNC TERMINAL	LIGHTROOM TETHER CAPABLE	PRICE (NEW, BODY ONLY) (Prices effective as of 07/12/18)
Canon	EOS Rebel T6i	24.2 MP	APS-C	NO	YES	\$549 (on sale, normally \$749)
Canon	EOS 77D	24.2 MP	APS-C	NO	YES	\$649 (on sale, normally \$899)
Canon	EOS Rebel T6s	24.2 MP	APS-C	NO	YES	\$749
Canon	EOS 80D	24.2 MP	APS-C	NO	YES	\$999+FREE accessories(on sale, normally \$1199)
Canon	EOS 6D	20.2 MP	FULL-FRAME	NO	YES	\$999+FREE accessories(on sale, normally \$1699)
Canon	EOS 7D Mark II	20.2 MP	APS-C	YES	YES	\$1,799
Canon	EOS 5D Mark IV	30.4 MP	FULL-FRAME	YES	YES	\$3099+FREE accessories(on sale, normally \$3499)
Canon	EOS 5DS	50.6 MP	FULL-FRAME	YES	YES	\$3499+FREE accessories(on sale, normally \$3600)
Canon	EOS 5DS R	50.6 MP	FULL-FRAME	YES	YES	\$3699+FREE accessories(on sale, normally \$3899)
Canon	EOS-1D X Mark II	20.2 MP	FULL-FRAME	YES	YES	\$5499(on sale, normally \$5999)
Nikon	D5500	24.2 MP	APS-C	NO	YES	\$499
Nikon	D5300	24.2 MP	APS-C	NO	YES	\$549
Nikon	D5600	24.2 MP	APS-C	NO	YES	\$596(on sale, normally \$696)
Nikon	D7100	24.1 MP	APS-C	NO	YES	\$796.95
Nikon	D7200	24.2 MP	APS-C	NO	YES	\$996.95(on sale, normally \$1096.95)
Nikon	D7500	20.9 MP	APS-C	NO	YES	\$1146, 95(on sale, normally \$1246.95) \$939 Refurbished, \$919 used
Nikon	D610	24.3 MP	FULL-FRAME	NO	YES	\$1496.95(on sale, normally \$1596.95) \$899.95 used
Nikon	D500	20.9 MP	APS-C	YES	YES	\$1896.95, Refurbished \$1549.00, \$1579.95 Used
Nikon	D750	24.3 MP	FULL-FRAME	NO	YES	\$1696.95 (on sale, normally \$1996.95), \$1368.95 Used
Nikon	D810	36.3 MP	FULL-FRAME	YES	YES	\$2796.95(on sale normally \$2996.95), \$1699.95 Used
Nikon	D810A	36.3 MP	FULL-FRAME	YES	YES	\$3796.95(Optimized for Astrophotography)
Nikon	D850	45.7 MP	FULL-FRAME	YES	YES	\$3,296.95
Nikon	Df	16.2 MP	FULL-FRAME	YES	YES	\$2746 NEW, \$2099 REFURBISHED
Nikon	D5	20.8 MP	FULL-FRAME	YES	YES	\$6496.95(customer can choose DUAL CF slots or the newer & faster XQD slots)

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