

Example Videography Equipment List - Follow-up from 3/9/21 Skills Booster Webinar
Transportation Learning Center

Item type	Model	~Cost	Comments
Steady Cam	Neewer Portable FilmMaker System	\$ 70	This is a camera shoulder mount for getting handheld shots. A steadicam is probably better, but this is much more affordable.
Camera	Canon VIXIA HF R700 Camcorder	\$ 300	Review: https://www.smartreview.com/canon-vixia-hf-r700-full-hd-camcorder-review-2016
Camera	Go Pro Hero 8 Black	\$ 350	Fantastic camera. I do most of my shots with it. The video is almost as if you're standing in it. Through Go Pro, a buyer can purchase a subscription for unlimited cloud storage for \$50 a year. The app also comes with an editor which is pretty neat for creating short clips.
Camera	Go Pro Hero 9 Black	\$ 350	Very good reviews
Camera	Sony 4K FDR-AX53	\$ 1,200	Shoots great quality video
Camera	Canon XC10 4K Professional Camcorder	\$ 2,000	This is a great camera. Still in the "budget" range but a big step up from our other camera. There are probably newer models now.
Drone camera	DJI Mavic Mini	\$500-600	Shoots in 2.7 K and no FAA License needed. Drone is easy to fly and shoots stable footage. The camera angle is adjustable as well as the exposure. The flight time is almost 30 minutes which is fantastic. We had a catenary issue that we needed documented. We were able to fly the drone over the suspected area and capture the issue and correct it.
Drone camera	Mavic Mini 2	\$500-600	Even better than the Mavic mini
Charger	STK EN-EL14 EN-EL14a Charger for Nikon	\$ 8	
Case	Ruggard Padded Tripod Case	\$ 39	Carrying case for the tripod and light stands
Tripod	Rangers Professional Aluminum Alloy Tripod & Monopod + Ball Head	\$ 68	This is a great tripod. It combines portability (it packs up super small) with sturdiness. I wish it extended a little more to be taller, but overall a great tripod
Tripod	Ravelli AVTP Professional 75mm Video Camera Tripod with Fluid Drag Head	\$ 160	This is a very sturdy tripod. It's heavy and fairly big - it's unlikely to get knocked around on the shop floor, but maybe not as useful for tight spaces.

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Batteries	M2cpower Lithium ion 7.4V 1030mAh Replacement Battery for Nikon	\$ 23	
Batteries	BM Premium 2-Pack of 2 LP-E6, LP-E6N Batteries and Charger for Canon	\$ 25	
Batteries	Neewer 2 Pieces 2600mAh Li-ion Replacement Battery with Charger	\$ 30	
Batteries/ charger	BM Premium Fully Decoded 2-Pack of BP-718 Batteries and Battery Charger	\$ 45	These are extra batteries for the Canon XC10 4K Professional Camcorder
Microphone	Yeti Blue Microphone	\$ 100	Good for doing voiceover
Microphone	Rode Videomic Shotgun Microphone with Rycote Lyre Mount (Model: VIDEOMICR)	\$ 150	Standard, reasonably priced shotgun mic. Reliable and durable. My most used mic for instructional videos.
Microphone	Rode Videomic Shotgun Microphone with Rycote Lyre Mount (Model: VIDEOMICR)	\$ 150	
Microphone	Samson Go Mic Mobile	\$ 200	Sound is fantastic in noisy environments at capturing the speaker and creating less back ground noise.
Microphone	Rode Shotgun Microphone		
Mic batteries	4 pack (9 volt)	\$ 8	
Mic cable	Rode VC1 10' (3.5mm) Stereo Mini Jack Extension Cable, Suits VideoMic	\$ 11	Audio extension cord between the mic and the camera. Allows for use of the boom pole.
Boom clips	Rode BPCLIPS Boom pole Cable Clips	\$ 13	Clips the audio cable to the boom pole so it's not drooping down into the frame or getting tangled up with other cords.
Boom Pole	Rode Micro Boom Pole Telescopic Microphone Extension	\$ 50	I use this all the time. Allows for getting an external mic really close in to the speaker.
Lighting	NEEWER 160 LED CN-160 Dimmable Ultra High Power Panel	\$ 33	This is an extra light. It's the same model as above.

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Light kit	Neewer 160 LED light kit Dimmable Ultra High Power Panel Digital Camera/Camcorder Video Kit (2-Pack)	\$ 123	Super lightweight and inexpensive light kit. It came with 2 LED lights and light stands.
Shoe splitter	Movo Photo HVA20 Heavy-Duty Video Accessory Dual Shoe Bracket	\$ 15	
power strip	AmazonBasics 6-Outlet Surge Protector Power Strip, 790 Joule	\$ 10	Just a power strip. Sometimes I need to plug a lot of things in. Especially in hotel rooms to charge multiple batteries at once while traveling.
extension cord	Prime Wire & Cable EC501630 50-Foot 16/3 SJTW Medium Duty Extension Cord, Orange	\$ 14	
Carrying case	Evecase DSLR Camera /Laptop Travel Backpack	\$ 40	Great customizable camera backpack. Holds a lot of your equipment - it's soft-sided, but still padded enough for travel. May not work as well for larger cameras.
Camera Case	SKB Cases 3i-13096XC10 SKB	\$ 120	
Memory Cards	PNY Elite Performance 128 GB High Speed SDXC Class 10 UHS-I, U3 up to 95 MB/Sec Flash Card (P-SDX128U395-GE)	\$ 70	
Memory Cards	PNY Elite Performance 128 GB High Speed SDXC Class 10 UHS-I, U3 up to 95 MB/Sec Flash Card	\$ 90	128 GB memory cards have been a great investment. It's very difficult to fill them in a single day of filming, so space is not an issue. I transfer all footage to an external drive after shooting and usually wait until the next time I need to film before deleting data from the memory cards, as an extra back-up. I've deleted and reused these cards many times without issues.
External HD	WD 3TB Black My Passport Portable External Hard Drive - USB 3.0 (Mac)	\$ 101	
External HD	Transcend 2TB Thunderbolt USB 3.0 External Hard Drive	\$ 180	
External HD	Transcend 2TB Thunderbolt USB 3.0 External Hard Drive	\$ 190	We have 2 of these and one of another brand. This model is compatible with Macs right out of the box, there are a lot more brands to choose from if you have a PC.