

ECE Capstone Equipment Pool

Please contact Engineering Services if you would like to borrow items from the equipment pool. Items can be signed out under the following conditions:

- Holds are fulfilled on a first-come, first-served basis
- The maximum loan period is indicated for each item below
- Renewals at the end of the loan period are allowed
- Items must be returned by the expected return date if a hold has been placed by another group

Students are expected to return borrowed items, in the condition they were provided, within the expected duration or by the end of the course – whichever takes precedence – or at the discretion of staff or faculty.

Items may be reserved in advance. Indicating more than one set of dates is **discouraged** but permitted; if more than one set of dates is indicated, priority will be given to another Capstone group should they request the items indicated for the second date set and onwards – priority will always be given for the first set of dates in a loan request in order to discourage monopolization.






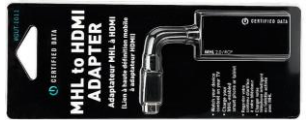

Please inspect borrowed equipment upon receiving them for damages or defects [*base condition damage*] and report the issues, if any, to Engineering Services; students are liable for damages done to borrowed equipment, including any unreported [*base condition damage*].









When placing a hold please include the following details:

- **Group number and project name**
- **Loan period (start and end dates)**
- **Items to borrow and their quantities**
- **Intended use of equipment**

The above information will aid us in processing your requests and may lead to faster response times.

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Items for students to borrow			
<ul style="list-style-type: none"> Quantities shown indicate the total stock quantity and are not indicative of the amount of items available at any given point 			
Audio/Video interface adapter(s) (2 week loan)			
4	Mini DisplayPort to VGA Adapter (various brands) (Amazon link)(Apple link)		
1	Lightning Digital AV Adapter (Amazon link)(Apple link)		
1	Lightning to VGA Adapter (Amazon link)(Apple link)		
1	Mini DisplayPort to HDMI Adapter (4K) (Amazon link)(Moshi link)		
1	Mini DisplayPort to HDMI Adapter (Amazon link)(Rocketfish link)		
1	MHL to HDMI Adapter (London Drugs link)		
1	(1x) HDMI A to DVI-D (dual link) Adapter (no label) (Amazon link)		

	1	Mini-VGA (ASUS) to VGA (Amazon link)(ASUS link)	
Audio/Video presentation equipment (48 hours or Friday-Monday if it is a weekend)			
	4	LCD Monitors 15" – ViewSonic VE510b (D-Sub only) (Manual)(Amazon link)(ViewSonic AU link)	
	3	Sony Camcorder CX240 (Help guide)(User manual)(Amazon link)	
	3	Polaroid 57" Tripod (Amazon link)	
	5	Mudder Universal Smartphone Holder Mount Monopod Tripod Adapter of Selfie Stick with Double Screw Head for iPhone 6Plus 6 Samsung Galaxy (Screw Mount) (Amazon link)	
	4	smartLav+ wearable microphone (Amazon link)(smartLav link)	
Benchtop equipment (2 week loan)			
	4	GW Instek GFG-8219A Function Generator	
	4	Fluke 45 Dual Display Multimeter	





	4	2	Xantrex XPH 35-4T Triple DC Power Supply	
		2	TTI EX354RT Triple Power Supply	
	(both DC supplies are equivalent)			
	1	Rigol DG1022 Arbitrary Waveform Function Generator		
	1	Rigol DS1074Z-S 70MHz Digital Oscilloscope 4-Channels, built-in two channel 25MHz waveform generator		
Miscellaneous (2 week loan)				
	1	Samsung Galaxy Tab 4 (Amazon link)(Samsung link)		

Image links:

http://tw.viewsonic.com/product_pdfs/lcd/15/C-VE510-08312005.pdf
<http://www.apple.com/ca/shop/product/MB572Z/B/mini-displayport-to-vga-adapter>
<http://www.apple.com/ca/shop/product/MD826AM/A/lightning-digital-av-adapter>
<http://www.apple.com/ca/shop/product/MD825AM/A/lightning-to-vga-adapter>
<http://www.moshi.com/cable-audio-video-adapter-mini-displayport-to-hdmi-4k>
<http://www.rocketfishproducts.com/products/computer-accessories/RF-AP305.html>
<http://www.londondrugs.com/certified-data-mhl-to-hdmi-adapter---gut-1011/L8340408.html>
<http://www.amazon.com/DVI-D-Female-HDMI-Male-Adapter/dp/B000Q6RDSA>
<http://us.estore.asus.com/products/14001-00220200>
<http://www.amazon.ca/Sony-HDRX240-Video-Camera-2-7-Inch/dp/B00HNJWWK2>
<http://www.amazon.com/Polaroid-57-Inch-Carrying-Digital-Camcorders/dp/B004OVEJQC>
<http://www.amazon.com/Mudder-Universal-Smartphone-Monopod-Adapter/dp/B00WTOHEBI>
<http://www.amazon.ca/Rode-smartLav-Lavalier-Microphone-Smartphones/dp/B00EO4A7L0>
<http://www.samsung.com/us/mobile/galaxy-tab/SM-T230NZWAXAR>
http://www.gwinstek.com/en-global/products/Signal_Sources/Analog_Function_Generators/GFG-8200A
<http://www.fluke.com/fluke/ca/en/digital-multimeters/fluke-45.htm?pid=56082>
<http://www.testequity.com/Images/new/sorensen/XPH35-4T-700.jpg>
<http://www.rigolna.com/products/waveform-generators/dg1000/dg1022/>
<http://www.rigolna.com/products/digital-oscilloscopes/ds1000Z/ds1074z-s/>