MIXED REALITY CLUSTER CATALOG 2013-2014

MIXED REALITY HARDWARE & SOFTWARE
Last Update: September 6/2013

Prepared By:
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MRPC Portal
http://www.rcc.ryerson.ca/mrpc.html

MRPC Catalog Download Link:
http://www.rcc.ryerson.ca/media/MixedRealityClusterCatalog.pdf

General Sign-out Policies:

All initial sign-outs require instructor permission (on the first sign-out occurrence). The sign-out sheet is available from the New Media Facility Assistant.

Barry Weatherhead
RCC 357F
Tel: 647 383 7070
bweather@ryerson.ca
Hours: 9am-4pm

If an item indicates that Instructor Permission is required For >5 Days (excluding weekends), then the instructor is required to email the New Media Facility Assistant stating that:

- The student has permission to sign-out the item.
- The duration of the sign-out.
- The purpose of the sign-out (e.g. a brief project description)

This permission information <u>MUST</u> be sent to the New Media Facility Assistant before the item is booked out.

Once permission is granted items can be reserved at:

http://tinyurl.com/mrpcsignout.

Some items (e.g., the uPrint 3D Printer) require Keytracer (room key permissions):

http://www.rcc.ryerson.ca/keytracer/keytracer.html

Unless previously arranged, all items must be returned on or before Monday of the following week. Failure to return an item on time may result in a suspension of sign-out privileges. Sign-out durations may be reduced for high-demand items.

Return Times are 9:30am to Noon
Pickup Times are 1pm-4pm

Item sign-outs may be denied if proper identification (a valid student card) is not provided. Students are accountable for loss or damage to signed-out equipment. Equipment cannot be used as part of a commercial production. Students are required to return devices <u>fully</u> charged. Failure to charge devices may result in loss of sign-out privileges.

Questions, comments and [new equipment requests](#) can be forwarded to:

Jeremy Littler (jlittler@ryerson.ca), LEAD – New Media Support,
Room RCC364, Tel. 416-979-5000 Extension 2222

Video and Still Frame Capture Devices

Video and Still Frame Capture Devices

ContourHD Camera

ContourHD is the World's First and Smallest wearable video camera. It's light but armored body "slides and locks" ContourHD onto a series of mounts for your goggles, helmet, handle bars, vehicle, or anywhere else you want. Wear HD video and record your adventures hands-free!

Key Features:			1080p H.264 Field Recording		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	2	CNTR	RCC357F Lockup
Requires Drivers CD		No	[Web Link](#)		

GoPro Hero

Key Features:			1080p H.264 Field Recording		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	1	GOPRO	RCC357F Lockup
Requires Drivers CD		No	[Web Link](#)		

Canon HF-M30 (HD Camcorder)

	HD Camera (1080i) HDMI Out 2.7" LCD 24p and 30p Flash Memory Microphone Jack Electronic Image Stabilization Available with Long Life Batteries – On Resquest

Key Features:			HD Camera (1080i)	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	3	HFM30	RCC357F Lockup
Requires Drivers CD		No	Web Link	

Canon ZR960 DV cameras + Bags

	miniDV Cassette 1/6" CCD Sensor Standard Definition 2.7" LCD 41x Advanced Zoom 0.27" Viewfinder Quick Start Microphone Jack Electronic Image Stabilization

Key Features:			DV (Tape) Recording	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	3	ZR9	RCC357F Lockup
Requires Drivers CD		No	Web Link	

Sony DSC-HX5V HD Camera

Sony's DSCHX5VB Cyber-shot® Digital Camera featuring Exmor R CMOS Sensor, Dual Memory Card slot, Sony's G Lens with 10x Optical Zoom, Intelligent Sweep Panorama and large 3.0" LCD
The compact new DSC-HX5V has a 25-250 mm "G Lens" with 10x optical zoom. HX5V produces superb photos and movies thanks to Sony's advanced optical technologies that feature the high-speed "BIONZ" Imaging Processor and "Exmor R" CMOS Sensor a truly advanced sensor with double the light sensitivity of previous sensors.

Key Features:			HD Video + Digital Stills		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan/Long Term Loan:			Yes		See Instructor
Qty:	Code:	Location:	2	HXV5	RCC 357F
Requires Drivers CD		No	Web Link		

Nikon D40

Digital SLR Camera's with 18-55mm DX II Zoom Lenses and accompanying Hakuba S4500 tripod that operate as input devices for the labs cadre of iStopMotion animation software. The use of these camera's with the iStopMotion software allows animators to overlay their previous frame over the live image which is a great aid in the animation process.

Key Features:			SLR Digital Camera		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	2	D40	RCC 357F
Requires Drivers CD		No	Web Link		

Nikon D60

Digital SLR Camera's with 1AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR (Vibration Reduction) Image Stabilization Lenses and accompanying Hakuba S4500 tripod that operate as input devices for the labs cadre of iStopMotion animation software. The use of these camera's with the iStopMotion software allows animators to overlay their previous frame over the live image which is a great aid in the animation process.

Key Features:			SLR Digital Camera		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	2	D60	RCC 357F
Requires Drivers CD		No	Web Link		

Casio Exlim EX-FH25

The Casio EX-FH25 is a new ultra-zoom digital camera, sporting a 20x lens that provides a focal range of 26-520mm and offers sensor-shift image stabilisation to keep things steady. Also onboard the FH25 are a high-speed, high-sensitivity 10-megapixel CMOS sensor, 30 frames per second continuous shooting at 9 megapixels, a special pre-record mode which starts the recording as soon as the shutter is half pressed, and high-speed film recording up to 1000fps.

Key Features:			High Speed SLR Digital Camera		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	1	FH25-01	RCC 357F
Requires Drivers CD		No	Web Link		

Nikon D3100

The D3100 is built around a 14.2 megapixel CMOS sensor, bringing not only live view but also Full HD video capture:

- 3.0" LCD monitor (230,000 dots)
- 14.2 megapixel DX-format CMOS sensor
- Image sensor cleaning (sensor shake)
- 11 AF points (with 3D tracking)
- IS0 100-3200 range (12,800 expanded)
- HD movies (1080p, 720p or WVGA)
- 2 X 16 GB SD Cards

Key Features:			HD SLR Digital Camera		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	1	NIKD3100	RCC 357F
Requires Drivers CD		No	[Web Link]()		

EYE – FI pro x2

Eye-Fi Pro X2: the most powerful memory card ever. Class 6 read & write speeds for high performance shooting. The power of 802.11n wireless uploads from your camera to your computer & favorite sharing site.

Key Features:			Wireless SD		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	1	EYEFI	RCC 357F
Requires Drivers CD			[Web Link]()		

Transcend 8GB SDHC / Centon 16GB SDHC

	The SD card is the most popular flash memory standard in the world now, and the SDHC (SD High-Capacity) is the new generation of SD cards (Version 2.0). Formatted in FAT32, SDHC cards reach a maximum capacity of 32GB and can fulfill the high-capacity demand of the new SDHC devices such as Casio Exilim Z1000/Z600/S600 cameras, Panasonic DMC-L1 camera, and Panasonic SDR-S200 Digital Video Camera. Now you can enjoy a high-quality digital life and store all of your MP3 music files, high-resolution pictures, and video clips in your SDHC card.

Key Features:			Secure SD		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		No
Qty:	**Code:**	**Location:**	4 X 8 GB 4 X 16 GB	SDCARD	RCC 357F
Requires Drivers CD		No	[Web Link]		

Fuji 3D Camera

	3D digital video/still camera.

Key Features:			3D Photos + Video		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	1	FUJ3DS	RCC 357F
Requires Drivers		No	[Web Link]		

Fuji 3D Portable Display

	3D digital viewer for Fuji 3D camera content.	

Key Features:			3D Video/Still Camera		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	FUJ3DC	RCC 357F
Requires Drivers		No	Web Link		

Hue Webcam

	High Definition USB 2.0 Hue Webcam with Microphone	
	The Hue webcam for Windows and Mac OS X has a brilliant high-resolution picture and great sound through an internal USB microphone.	

Key Features:			High Definition USB		
Instructor Permission Required:			For 6+ Days		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	5	HUE	RCC 357F
Requires Drivers CD		Yes	Web Link		

Logitech Orbit Webcam

Motorized tracking and Carl Zeiss® optics, USB Webcam
.
Windows Only

Key Features:			Video with PTZ		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	2	ORBIT	RCC 357F
Requires Drivers		Yes	Web Link		

Microsoft Kinect

The Kinect sensor is a horizontal bar connected to a small base with a motorized pivot and is designed to be positioned lengthwise above or below the video display. The device features an "RGB camera, depth sensor and multi-array microphone running proprietary software", which provide full-body 3D motion capture, facial recognition and voice recognition capabilities.

Key Features:			Motion Detection System		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	11	KINECT	RCC 357F
Requires Drivers		Yes	Web Link		

Kinect Floor Stands

	Kinect Floor Stands

Key Features:			Kinect Accessories		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	2	KINSTAND	RCC 357F
Requires Drivers		No			

Kinect Tripod (Wall) Mounts

	Wall/Tripod Mount

Key Features:			Kinect Accessories		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	2	KINMOUNT	RCC 357F
Requires Drivers		No			

IPEVO Tripod Camera

2 Megapixel USB web camera, with macro mode for excellent closeup images

Unique, multi-jointed stand, handheld grip, and universal monitor clip for unlimited view options

Continuous or single-click autofocus for clarity and sharpness every time

One-touch snapshot mode; snapshots can be refined and organized with included software

Plug-and-play for both PC and Mac; seamless integration with a wide variety of IM applications

Key Features:			Stop Motion Camera		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	3	IPEVO	RCC 357F
Requires Drivers		Yes	Web Link		

Agent V5 Camera

True 2MP FULL HD Sensor
Full HD 1920 x 1080
Focus Range: 5cm to Infinity

Key Features:			High Definition Webcam		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	3	V5CM	RCC 357F
Requires Drivers		No	Web Link		

Sony Playstation Eye Camera Kit (+ clips)

60 FPS USB web camera with Array Microphone.

Key Features:			High FPS Webcam (for OSX)		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		**Long Term Loan:**	Yes		See Instructor
Qty:	**Code:**	**Location:**	3	PS3CAM	RCC 357F
Requires Drivers		For WIndows	Web Link		

Logitech BCC950 Conference Camera

Featuring professional HD video with superior speakerphone audio.

Works with Skype/Google chat and others.

Key Features:			Video Conference Camera for OSX and Windows		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		**Long Term Loan:**	Yes		See Instructor
Qty:	**Code:**	**Location:**	1	LOGICONF	RCC 357F
Requires Drivers		No	Web Link		

SWIVL – PTZ Control with Clip Mic

			Swivl turns an iOS device into your own personal cameraman with wireless mic. See Jeremy (RCC230C) to sign-out this item.		
Key Features:			PTZ Control		
Instructor Permission Required:			For 2+ Days		
Overnight Loan:		**Long Term Loan:**	Yes		See Instructor
Qty:	**Code:**	**Location:**	1	SWIVL	RCC 357F
Requires Drivers **N/A**		iOS Devices Recommended	Web Link		

Logitech C260 720P Web Camera

			720P Web Camera		
Key Features:			HD Web Camera for OSX and Windows		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		**Long Term Loan:**	Yes		See Instructor
Qty:	**Code:**	**Location:**	2	LOGIC260	RCC 357F
Requires Drivers		No	Web Link		

Logitech C910 HD Web Camera

HD Webcam
Mac and PC Compatible

Key Features:			HD Web Camera for OSX and Windows		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		**Long Term Loan:**	Yes		See Instructor
Qty:	**Code:**	**Location:**	1	LOGIC910	RCC 357F
Requires Drivers		Yes	Web Link		

Ipevo Ziggi USB Document Camera

Document Camera
Mac and PC Compatible

Key Features:			USB Document Camera		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		**Long Term Loan:**	Yes		See Instructor
Qty:	**Code:**	**Location:**	1	ZIGGY	RCC 357F
Requires Drivers		Yes	Web Link		

Kodak ZI8 Camera

	1080p HD video camera. Uses SD memory cards.		

Key Features:		1080p Portable Video Camera	
Instructor Permission Required:		For >5 Days (excluding Weekends)	
Short-Term Loan/Long Term Loan:		Yes	See Insructor
Qty:	**Code:**	**Location:**	2	KDAK	RCC 357F
Requires Drivers		No	Web Link

Sanyo Xacti VPC-PD2BK

	10 Megapixel Digital Photos iMovie Compatible Embedded Software for Sharing Videos/Photos 2" TFT LCD Monitor for HD Playback 3x Optical Zoom Photo Wide Angle Lens Range Video: 36mm – 108mm Built-In Stereo Microphone with Built-In Speaker Mini HDMI Digital Interface Built-In Direct USB Connector SD/SDHC/SDXC Memory Card Compatible

Key Features:		HD Video and Audio Camera	
Instructor Permission Required:		For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	3	XACTI	RCC 357F
Requires Drivers		No	Web Link

Zoom Q3 (Audio HQ + Video Camera)

The Q3 uses the same microphone capsules as our industry-leading H4n Handy Recorder and is perfect for recording anything where great audio and video are a must.

Key Features:			Video and Audio Camera		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	2	ZMQ3	RCC 357F
Requires Drivers		No	Web Link		

Aiptek i2 3D Video Camera

The 3D-HD captures 2D and 3D video in the 720p format. It is the first low cost 3D video camera.

Key Features:			3D Video and Audio Camera		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	1	AIP3D	RCC 357F
Requires Drivers		No	Web Link		

Sony Bloggie 3D HD Camera

Up to 4 hours of 2D HD video, 5-megapixel still image recording capability, 3D viewing on 2.4" LCD (no need for 3D glasses), 1920 x 1080p MP4 HD video, flip-out USB arm.

Key Features:			3D Video and Audio Camera		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	1	BLOG3D	RCC 357F
Requires Drivers		No	Web Link		

Tripod Hakuba

Standard tripod for video camera and still camera.

Key Features:			Standard Tripod		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	2	1 & 2	RCC 357F
Requires Drivers		No	Web Link		

Tripod Velbon

Key Features:			Standard Tripod	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	3 VEL50	RCC 357F
Requires Drivers		No	Web Link	

Tripod Optex T20

Key Features:			Standard Tripod	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	2 OPT20	RCC 357F
Requires Drivers		No	Web Link	

Tripod Optex 25

Key Features:			Micro Tripod	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	3 OPT25	RCC 357F
Requires Drivers		No	Web Link	

Manfrotto 394 QR Video Tripod

Solid, metal tripod.			

Key Features:			Video/Camera Tripod	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	3	MF394	RCC 357F
Requires Drivers		No	Web Link	

Joby Gorilla Pod Video and Gorilla Torch

2 Gorilla Pod Video

Key Features:			Video/Camera Tripod	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	2	GBVD	RCC 357F
Requires Drivers		No	Web Link	

Joby Gorilla Pod Torch

2 Gorilla Pod Torch Blade
Rechargeable via USB
130 Lumens

Key Features:			Video/Camera Tripod	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	2	GPBL	RCC 357F
Requires Drivers		No	Web Link	

Black Magic USB Recorder

	USB Recorder (OS/X Only) Component/Composite and SVIDEO

Key Features:			USB Video Recorder		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty: 1	**Code:**	**Location:**	1	BMR	RCC 357F
Requires Drivers		No	Web Link		

Black Intensity Shuttle (Thunderbolt)

	HD Video Capture (OS/X Only) Component/Composite and SVIDEO and HDMI Uses Thunderbolt connection. Ideal for HD Stop Motion Capture Please see Jeremy Littler (RCC230C) regarding usage of this device. This device requires a Thunderbolt equipped computer.

Key Features:			HD Video Recorder		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty: 1	**Code:**	**Location:**	1	SHUTTLE	RCC 357F
Requires Drivers		Yes	Web Link		

Audio Capture, MIDI, Podcasting and Conferencing Devices

Blue Icicle

Mic preamp combo that allows you to connect any XLR microphone directly into your computer via USB! The Icicle features a studio quality microphone preamp, 48V phantom power, fully balanced low noise front end, analog gain control, and driverless operation.
- No Special Drivers Required.

Key Features:			USB to XLR Plug and Record	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan/Long Term Loan:			Yes	See Instructor
Qty:	Code:	Location:		
2	ICLE	EDC RCC166		
Requires Drivers		No	Web Link	

Tascam DP-004

The DP-004 can record two sources at once to the included 1GB SD Card. A built-in stereo condenser microphone makes it simple to record anywhere you go, perfect for concerts, rehearsals and songwriting inspirations. A pair of 1/4" jacks on the rear panel allow you to connect your own microphones or sources. You can even switch the inputs to guitar level for recording.
The DP-004 allows you to build up your arrangement until you've filled up all four tracks. The Bounce feature allows you to consolidate tracks and make room for more overdub layers. Track editing and undo is also available.
Mixing is also built into the Digital Pocketstudio. Once you set levels and pan, record your mix onto a dedicated stereo master track. You're able to transfer your tracks and mixes to a computer over USB 2 for CD burning and sharing online.

Key Features:			Portable Audio Studio	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:		Long Term Loan:	Yes	See Instructor
Qty:	Code:	Location:		
1	TASC	RCC 357F		
Requires Drivers		No	Web Link	

Zoom Q3 (Audio HQ + Video Camera)

The Q3 uses the same microphone capsules as our industry-leading H4n Handy Recorder and is perfect for recording anything where great audio and video are a must.

Key Features:			Video and Audio Camera		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	2	ZMQ3	RCC 357F
Requires Drivers		No	[Web Link](#)		

Zoom ZH4N Portable Recorder

Its onboard X/Y stereo condenser mics are arranged with the right and left mics on the same axis. This design ensures that the mics are always an equal distance from the sound source for perfect localization without phase shifting. Frequency response remains uniform throughout your recording. The result is great stereo recording with natural depth and accurate imaging every time.

Key Features:			XLR Inputs. HQ Audio Capture		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	2	ZH4N	RCC 357F
Requires Drivers		No	[Web Link](#)		

M Audio Fast Track Pro

You get 2 front-panel mic/line inputs complete with phantom power for condenser microphones, inserts for outboard effects balanced and unbalanced analog outputs, S/PDIF digital I/O, MIDI I/O, and more. Fast Track Pro also features near-zero latency direct hardware monitoring and low-latency ASIO software monitoring, plus an A/B source switch and dual output pairs for DJ-style cueing. Fast Track Pro is compatible with most popular PC and Mac music software.

Key Features:			USB Sound Capture Device		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	2	FSTTRK	RCC 357F
Requires Drivers		Yes	Web Link		

MXL AC404 USB Microphone

The **AC-404 USB** is a high quality capsule microphone that dramatically improves voice quality on conference calls. Ideal for people who rely on free or subscription internet conferencing services such as Skype™, the AC-404 conference mic uses boundary microphone technology, built-in custom circuitry, and automatic gain control to produce smooth, quiet, and above all professional sounding conferences, no matter where you are.

Key Features:			Conferencing Microphone		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	2	MXLC	RCC 357F
Requires Drivers		No	Web Link		

Polycom Communicator cs1000

Based on the same technology used in Polycom's legendary line of triangular SoundStation® conference phones. Enables crystal-clear, natural conversations when using Skype. Offers the freedom of not wearing a headset for hands-free Skype calls. Delivers high-fidelity wideband voice quality. High-quality microphones provide excellent range for small group conversations. Polycom Acoustic Clarity Technology eliminates echoes and feedback

Key Features:			Conferencing Microphone		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	PCOM	RCC 357F
Requires Drivers		No	Web Link		

IPEVO Internet Conference Station

16-bit digital signal processor provides superior wideband sound in full duplex. Echo cancellation and background noise filtering; voice range of 5 meters (5.4 yards). USB plug and play capability with PC or Mac; no need for separate power cord. Provides 360 degrees of voice reception. Easy wheel volume control, plus mute switch with LED indicator

Key Features:			Multi-User Conferencing Microphone		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	3	IPEVO	EDC RCC166
Requires Drivers		No	Web Link		

CAD Mic USB (U7)

Omnidirectional pick-up pattern for 360 degree coverage

Condenser microphone element for high sensitivity

Ten-foot USB cable for flexible mic placement

Low profile for unobtrusive recording

Key Features:			Conferencing Microphone	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	3 CADMIC	RCC 357F
Requires Drivers		No	Web Link	

Sony Headphones

Basic Stereo 1/8" headphones.
Ideal for exhibitions

Key Features:			Headphones	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	5 SONYMINI	RCC 357F
Requires Drivers		No		

Freetalk Everyman Headset

USB headset and microphone.

Key Features:			USB Mic & Headphones		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	11	EMAN	RCC 357F
Requires Drivers		No	Web Link		

Logitech H800

USB headset and microphone.

Works with Windows® and Mac OS
USB port

Works with Logitech Vid ™ HD,
Skype™, Yahoo!® Messenger,
Gmail™, Windows Live® Messenger
and AIM®.

Please see Jeremy Littler (RCC230C)
regarding usage of this device.

Key Features:			USB Mic & Headphones		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	LOGIHEAD	RCC 357F
Requires Drivers		No	Web Link		

Turtle Beach 7.1 Surround Headset

USB headset and microphone.

Works with Windows® and Mac OS USB port

For surround operation on a Mac, this device requires a male to female optical adapter (one is included in the kit).

Key Features:			7.1 USB Mic & Headphones		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	TURTLE	RCC 357F
Requires Drivers		No	Web Link		

Headphone Splitters

1/8" stereo to dual 1/8" Stereo.

Key Features:			Headphone Splitters		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	4	-	RCC 357F
Requires Drivers		No			

Headphone Hub

	1/8" stereo to 5 point 1/8" Stereo.	

Key Features:			Headphone Splitters	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	1 STEREOHUB	RCC 357F
Requires Drivers		No		

DLink DPH 50U

	The Skype certified DPH-50U allows you to use your existing corded or cordless telephone to take advantage of Skype's low cost calling features. Utilizing your existing telephone enables you to use your telephone's built-in features such as speed dial, redial, mute and caller ID2. Using a cordless phone even unties you from your computer while making Skype calls. Best of all, there is no additional equipment to buy to start using the DPH-50U

Key Features:			Skype from Reg Phone	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	1 -	RCC 357F
Requires Drivers		No	[Web Link](#)	

Samson USB Recording Kit

	USB mic, headphones, and mic stand. Plug into any HCL laptop and record into Audacity or Garage Band in a remote field location. Can be used on personal laptops with any personal recording software.

Key Features:			Portable Podcasting Kit!		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	3	SAMS	RCC 357F
Requires Drivers		No	Web Link		

AT&T Speaker Phone

Analog phone for use with Magic Jack.

Request batteries if you a using the phone's conferencing features.

Key Features:			Analog Phone		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	3	PHONE	RCC364 see Jeremy Littler
Requires Drivers		No	Web Link		

Logitech Portable Speakers

Portable iPod docking station and speaker set.

Includes external audio input (stereo mini).

Key Features:			Portable Speakers		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	LSPK	RCC 357F
Requires Drivers		No	Web Link		

Edirol Speakers

The MA-15D stereo reference monitors are ideal for computer-based recording artists seeking a high-quality, powerful set of reference speakers to use in a relatively confined space. The MA-15D's offer a wide-range spectrum and crystal-clear audio reproduction.

Key Features:			Reference Speakers		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	4	EDISPK	RCC 357F
Requires Drivers		No	Web Link		

Alesis iO Dock

The iO Dock is a universal docking station specifically designed for the iPad

Key Features:			iPad Audio DOck		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	IODOCK	EDC – RCC166
Requires Drivers		No	Web Link		

Akai Midi (LPK25)

Portable USB Midi Keyboard

Mac and PC Compatible

Key Features:			Midi Keyboard		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	2	LPK	RCC 357F

Requires Drivers	No	[Web Link](#)

M-Audio KeyRig 49

	USB Midi Keyboard Mac and PC Compatible		
Key Features:		Midi Keyboard	
Instructor Permission Required:		For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	2	KRIG	RCC 357F
Requires Drivers	No	[Web Link](#)	

Akai MPK Mini

	Portable USB Midi Keyboard with buttons, pads and knobs. Mac and PC Compatible		
Key Features:		Midi Keyboard	
Instructor Permission Required:		For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	1	AKAIMINI	RCC 357F
Requires Drivers	No	[Web Link](#)	

Laptop Computers and Accessories

Laptop Computers and Accessories

Epiphan VGA to USB

VGA2USB is the only compact external VGA signal grabber capable of capturing output from virtually any VGA source— such as a Windows PC, a Macintosh OSX, a Unix machine, an embedded system, a medical device, scientific or lab equipment, and more.

Key Features:			VGA to USB Capture Device		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	3	EPI	RCC 357F
Requires Drivers		Yes	[Web Link](#)		

Apple Macbook Pro (Core 2 Duo)

15 MacBook Pro's - with 13" Screen, 2.26GHz Intel Core 2 Duo, 2GB 1066MHz DDR3 SDRAM, 250GB Serial ATA 5400 rpm Hard Drive and SuperDrive 8x (DVD±R DL/DVD±RW/CD-RW).

Key Features:			Variety of programs		
Instructor Permission Required:			See Instructor		
Short-Term Loan/Long Term Loan:			Yes		See Instructor
Qty:	Code:	Location:	15	HCL	Laptop Cart RCC 357F
Requires Drivers		No	[Web Link](#)		

Apple Macbook Pro 15" (i7 – 8GB RAM)

7 MacBook Pro's - with 15" Screen,
i7 2.6 Ghz
8GB RAM
760 GB HD

Key Features:			Variety of programs		
Instructor Permission Required:			See Instructor		
Short-Term Loan/Long Term Loan:			Yes		See Instructor
Qty:	**Code:**	**Location:**	8	MRPC 59-	Laptop Cart RCC 357F
Requires Drivers		No			

Apple Macbook Pro 13.3 (i7 – 8GB RAM)

8 MacBook Pro's - with 13" Screen
i7 2.9Ghz
8GB RAM
750GB HD

Key Features:			Variety of programs		
Instructor Permission Required:			See Instructor		
Short-Term Loan/Long Term Loan:			Yes		See Instructor
Qty:	**Code:**	**Location:**	7	MRPC 51-65	Laptop Cart RCC 357F
Requires Drivers		No			

Apple Macbook Power Adapters

Power Adapters. 2 Adapters are available for sign-out.

Key Features:			Apple Power Adapters	
Instructor Permission Required:			See Instructor	
Short-Term Loan/Long Term Loan:			Yes	No
Qty:	Code:	Location:	2	MAGS85W	RCC 357F
Requires Drivers		No		

ProTools/Production Laptops

ProTools MBox Mini (available separately). Dongle (available separately). ProTools 10 installed.

Full Software Suite (Adobe CS, Word).

Available to Procomm, RTA, Image Arts and Theatre Students.

Key Features:			Low Cost Laptop (Linux Based)	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	60	-	EDC – RCC166
Requires Drivers		No	Web Link	

One Laptop Per Child

	Known as the **One Laptop Per Child (OLPC) computer, three XO laptops** are available to the Hybrid Computer Lab. A key feature of the XO it that it creates its own mesh network, features a 7.5 inch, 1200×900 pixel, TFT screen that displays at 200 DPI. The unit consumes one tenth the power of what a standard laptop consumes.

Key Features:			Low Cost Laptop (Linux Based)		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	3	OLPC	RCC 357F
Requires Drivers		No	Web Link		

Mini Display Port to HDMI (f)

	Connects Apple laptop to HDMI Screens.

Key Features:					
Instructor Permission Required:			In Vending Machine (For >5 Days (excluding Weekends))		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	6	-	Vending Machine
Requires Drivers		No	Web Link		

Mini Display Port to DVI (f)

	The Mini DisplayPort to DVI Adapter lets you connect an advanced digital monitor, such as the 20- or 23-inch Apple Cinema Display, to a Mac with a Mini DisplayPort.

Key Features:					
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1		RCC 357F
Requires Drivers		No	Web Link		

Mini Display Port Cable/Extender Kit

Extender Kits for Display Port

1 Cable and 1 Extender Per Kit

Key Features:			Various Types		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	2	DPORTEX	RCC 357F
Requires Drivers		No	-		

VGA to Mini DVI Adapter

The Mini-DVI to VGA adapter is designed for the iMac (Intel Core Duo), MacBook, and 12-inch PowerBook G4, allowing you to connect to an external VGA monitor or projector.

Key Features:			Display Adapter		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		No		See Instructor
Qty:	Code:	Location:	20	DVV	Vending Machine
Requires Drivers		No	Web Link		

DVI to VGA Adaptor

Connect DVI laptop to any vga cable to extend desktop or mirror desktop on another monitor or projector.

Key Features:			Display Adapter		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	2	-	Vending Machine
Requires Drivers		No	Web Link		

Mini DVI to HDMI (f)

	Mini DVI to HDMI female, for connection apple computers to HDMI connections.
Key Features:	Display Adapter
Instructor Permission Required:	For >5 Days (excluding Weekends)

Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	3	-	RCC 357F
Requires Drivers		No	[Web Link](#)		

Mini Display Port to VGA

	The Mini DisplayPort to VGA Adapter lets you connect a standard analog monitor, projector, or LCD that uses a VGA connector or cable to a Mac with a Mini DisplayPort.
Key Features:	Display Adapter
Instructor Permission Required:	For >5 Days (excluding Weekends)

Short-Term Loan:	**Long Term Loan:**		No		See Instructor
Qty:	**Code:**	**Location:**	8	MDV	Vending Machine
Requires Drivers		No	[Web Link](#)		

Kensington Key Lock

	Use to lock and secure laptops and other devices to prevent theft.
Key Features:	Security
Instructor Permission Required:	For >5 Days (excluding Weekends)

Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	10	-	RCC 357F
Requires Drivers		No	[Web Link](#)		

Kensington Combination Lock

Use to lock and secure laptops and other devices to prevent theft. Combination is variable and can be set to a code you can remember.

Key Features:			Security		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	11		RCC 357F
Requires Drivers		No		Web Link	

VGA Splitter

Split the same vga signal to two separate monitors or projectors.

Key Features:					
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	VGASPLT	RCC 357F
Requires Drivers		No		Web Link	

Bluetooth Adapter

Bluetooth Adapter.

Key Features:			Retrofit BlueTooth Adapter for PC/MAC		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1		RCC 357F
Requires Drivers		No		Web Link	

HDMI Splitter

	1 HDMI to 2 HDMI splitters.

Key Features:			HDMI Splitter	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	2	RCC 357F
			HDSPLIT	
Requires Drivers		No	Web Link	

Canopus Twinpact 100

	Our TwinPact100 is the world's first multifunctional device to feature conversion of on-screen graphics to analog and digital video, digital video capture of on-screen graphics, and bi-directional analog/digital video conversion. Integrating Canopus® track and zoom technology, it provides the highest-quality video conversion with unmatched functionality.

Key Features:			Connects analog video equipment to FireWire	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan/Long Term Loan:			Yes	See Instructor
Qty:	**Code:**	**Location:**	1	CNP	RCC 357F
Requires Drivers		No	Web Link	

USB Optical Mouse

USB mouse			

Key Features:			Optical Mouse		
Instructor Permission Required:			N/A for Loan		
Short-Term Loan:	**Long Term Loan:**		Yes		No
Qty:	**Code:**	**Location:**	6	-	Laptop Carts
Requires Drivers		No	[Web Link](#)		

Apple Magic Trackpad

MultiTouch trackpad. Bluetooth.			

Key Features:			BlueTooth MagicPad		
Instructor Permission Required:			N/A for Loan		
Short-Term Loan:	**Long Term Loan:**		Yes		No
Qty:	**Code:**	**Location:**	6	MPAD	RCC357F
Requires Drivers		No	[Web Link](#)		

Interlink Mini Touchpad Keyboard

Wireless Ultra-mini Touchpad Keyboard for Mac			

Key Features:			Wireless Keyboard for OSX		
Instructor Permission Required:			N/A for Loan		
Short-Term Loan:	**Long Term Loan:**		Yes		No
Qty:	**Code:**	**Location:**	1	BLUEKEY	RCC357F
Requires Drivers		No	[Web Link](#)		

Razor Nostromo Gaming Controller

	Gaming Keypad Controller
	Windows and OSX (with Applications) support

Key Features:			Gaming Controller		
Instructor Permission Required:			N/A for Loan		
Short-Term Loan:	Long Term Loan:		Yes		No
Qty:	Code:	Location:	1	RAZER	RCC357F
Requires Drivers		Yes	[Web Link](#)		

Logitech Extreme 3D Pro Joystick

	Advanced 3D Joystick
	USB
	Mac and PC Supported

Key Features:			Gaming Controller		
Instructor Permission Required:			N/A for Loan		
Short-Term Loan:	Long Term Loan:		Yes		No
Qty:	Code:	Location:	1	WINGJOY	RCC357F
Requires Drivers		Yes	[Web Link](#)		

ISHOCKX Force Feedback Joystick

	Force Feedback Joystick
	USB
	Mac and PC Supported

Key Features:			Gaming Controller		
Instructor Permission Required:			N/A for Loan		
Short-Term Loan:	Long Term Loan:		Yes		No
Qty:	Code:	Location:	1	USBJOY	RCC357F
Requires Drivers		Yes	[Web Link](#)		

Leap Motion Controller

Leap represents an entirely new way to interact with your computers. It's more accurate than a mouse, as reliable as a keyboard and more sensitive than a touchscreen. For the first time, you can control a computer in three dimensions with your natural hand and finger movements.

THEY'RE IN!!!!!!!!

Key Features:			Gesture Controller	
Instructor Permission Required:			N/A for Loan	
Short-Term Loan:	**Long Term Loan:**		Yes	No
Qty:	**Code:**	**Location:**	4	LEAP	RCC357F
Requires Drivers		Yes	Web Link	

USB LAN Adaptor

Connect to Network via USB.

Key Features:			Retrofit USB to Ethernet Adapter	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	2		RCC 357F
Requires Drivers		Yes	Web Link	

USB HUB (Dlink)

Powered USB Hub
4 Ports

Key Features:			Powered USB Hub (actually works!)		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	2		RCC 357F
Requires Drivers		Yes			

Powered USB Hubs

7-Port USB 2.0 HUB w/ AC adapter

Key Features:			Powered USB Hub		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	3	USBHUB	RCC 357F
Requires Drivers		Yes			

None-Powered USB Hubs

	4-Port USB 2.0 HUB
Key Features:	None-Powered USB Hub

Instructor Permission Required:		For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	5	USBHUB4	RCC 357F
Requires Drivers		Yes			

USB to DVI/VGA (Vantec)

	USB to VGA adapter. Provides 2nd monitor. High performance. Mac and PC Compatble. Requires Display Link Drivers.
Key Features:	USB to VGA Adapter
Instructor Permission Required:	For >5 Days (excluding Weekends)

Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor

USB to DVI/VGA (EVGA)

	USB to VGA adapter. Provides 2nd monitor. High performance. Mac and PC Compatble. Requires Display Link Drivers.
Key Features:	USB to VGA Adapter
Instructor Permission Required:	For >5 Days (excluding Weekends)

Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	1	USB2DVI	RCC 357F
Requires Drivers		Yes	Link		

VGA/Component to HDMI Converter

	See Jeremy. RCC230C regarding use of this device for recording screen captures. Supports 720p

Key Features:			VGA to HDMI Converter		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	VGC2HDM	RCC 357F
Requires Drivers		Yes	Link		

HDMI to VGA Converter

	Converts HDMI laptop output to VGA/

Key Features:			HDMI to VGA Converter		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	HDMI2VGA	RCC 357F
Requires Drivers		Yes	Link		

Wireless Composite Video Transmitter

See Jeremy regarding the use of this device.

Key Features:			Video Transmitter	
Instructor Permission Required:			For 2+ Days	
Overnight Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	1 VIDTRANS	RCC 357F
Requires Drivers		Yes	N/A	

Matrox Triple Head To Go (Kit)

Triple Head Display from Mini Display Port
HDMI and DVI Adapters.
DVI to VGA Converters

See: Jeremy Littler (RCC230C) if booking this item.

Please note: this device contains many specialized components. Failure to return this kit in its entirety will result in a significant fine.

Key Features:			Video Wall System	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty: 1	Code:	Location:	1 3HEAD2GO	RCC 357F
Requires Drivers		Yes	Web Link	

VGA Capture Kit

VGA Capture Kit for RCC Conference Rooms. See Jeremy Littler for usage instructions.

Key Features:			VGA Capture Kit		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	3	VGABAL	RCC 357F
Requires Drivers		Yes	Required Epiphan Drivers. See Jeremy Littler		

External (USB) Blu-Ray Burner

Samsung SE-506AB/TSWD
Mac and PC Compatible

Key Features:			External (USB) Blu-Ray Burner		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	1	BLUBURN	RCC 357F
Requires Drivers		Yes	Link		

Network Switch (Dlink)

5 Port
Unmanaged Switch

Key Features:			Network Switch		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	1	DWSITCH	RCC 357F
Requires Drivers		Yes	Link		

Wireless N Router (Monoprice)

150 Mpbs

Wireless 802.11N Router w/ WPS & WISP
Function (300Mbps)

Key Features:			Wireless Router		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	2	WIFIROUT	RCC 357F
Requires Drivers		Yes	Link		

Media Players, Readers, Smartphones, Tablets, PDA's, Gaming Systems/Small Computing Devices

Apple TV

	Digital Media Player.
Key Features:	1080p Media Player
Instructor Permission Required:	For 2+Days

Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor

Qty:	**Code:**	**Location:**	1	APPLETV	RCC 357F

Requires Drivers	No	Web Link

Western Digital Media Player

	Digital Media Player. Supports USB Keys and USB Hard Drives. WD TV Live unit provides network connection capabilities.
Key Features:	1080p Media Player
Instructor Permission Required:	For 2+Days

Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor

Qty:	**Code:**	**Location:**	2	WD	RCC 357F

Requires Drivers	No	Web Link

Asus O!Play Media Player HDP R3

Multi-format playback without file conversion

1080p video

High speed file transfer with eSATA and LAN

Supports USB keys.

Key Features:				1080p Media Player	
Instructor Permission Required:				For >5 Days (excluding Weekends)	
Short-Term Loan:		Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:		1 OPLAY	RCC 357F
Requires Drivers		No		Web Link	

LaCie Cinema HD

Multi-format playback without file conversion

1080p video

High speed file transfer with LAN

Supports USB keys.

Key Features:			1080p Media Player	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan/Long Term Loan:			Yes	See Instructor
Qty:	Code:	Location:	1 LACIE	RCC 357F
Requires Drivers		No	Web Link	

Creative XFI – Wireless Audio Transmitter

Wireless Audio Transmitter /Receiver.

Does not require a computer.

Key Features:			Audio Transmitter/Receiver		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan/Long Term Loan:			Yes		See Instructor
Qty:	Code:	Location:	2	XFI	RCC 357F
Requires Drivers		No	Web Link		

Beagle Board

Linux based computer.
Small Form Factor.
HDMI Out.
Programmable.

See: Jeremy Littler (RCC230C) if booking this item.

Key Features:			Small Computer. Linux Based		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan/Long Term Loan:			Yes		See Instructor
Qty: 2	Code:	Location:	2	BEAGLE	RCC 357F
Requires Drivers		Yes	Web Link		

Raspberry PI

Linux based computer.
Small Form Factor.
HDMI Out.
Programmable.
In Kits (DC + Case)

See: Jeremy Littler (RCC230C) if booking this item.

Key Features:			Small Computer. Linux Based		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan/Long Term Loan:			Yes		See Instructor
Qty:	**Code:**	**Location:**	3	RASPBERRYPI	RCC 357F
Requires Drivers		Yes	Web Link		

Z902 Android (4.03) Computer

Android or Linux based computer.
Small Form Factor.
Micro HDMI Out.
Programmable.

See: Jeremy Littler (RCC230C) if booking this item.

Key Features:			Small Computer. Android/Linux Based		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan/Long Term Loan:			Yes		See Instructor
Qty:	**Code:**	**Location:**	2	Z902	RCC 357F
Requires Drivers		Yes	Web Link		

Arduino Developer Kits

Arduino Uno
USB Cable
DC Power Adapter
9V to Arduino

Arduinos must be replaced if damaged during development. Approximate cost $30.00

Key Features:			Arduinos	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan/Long Term Loan:			Yes	See Instructor
Qty:	**Code:**	**Location:**	10	ARDKIT	RCC 357F
Requires Drivers		Yes	[Web Link]()	

9V and AA Battery Adapters for Arduino Uno

9V to Arduino (30 units)
1.5 X 6 X AA (10 units)

Power an Arduino Uno uising 9V or AA batteries.

Key Features:			Arduinos	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan/Long Term Loan:			Yes	See Instructor
Qty:	**Code:**	**Location:**	40		RCC 357F
Requires Drivers		Yes	-	

CNIT 5000mAh Portable Power Unit (to USB)

	CNIT Double USB 5000mAh External Battery Pack Power Bank for iPhone/iPad/PSP/Camera/MP3/MP4

Key Features:	Portable Power		
Instructor Permission Required:	For >5 Days (excluding Weekends)		
Short-Term Loan/Long Term Loan:	Yes		See Instructor
Qty: 2	**Code:**	**Location:**	4	PWRPAK5	RCC 357F
Requires Drivers	No		Web Link

NiJia NJ- 6600mAh Portable Power Unit (to USB)

	NiJia NJ- 6600mAh Portable Battery Pack Power Bank for iPhone/iPad/PSP/Camera/MP3/MP4

Key Features:	Portable Power		
Instructor Permission Required:	For >5 Days (excluding Weekends)		
Short-Term Loan/Long Term Loan:	Yes		See Instructor
Qty: 2	**Code:**	**Location:**	1	PWRPAK6	RCC 357F
Requires Drivers	No		Web Link

HTC Google Nexus Phone

Nexus One is Google's next generation Android device.

The Nexus One runs on Android 2.1 (Eclair).

Snapdragon processor capable of speeds up to 1GHz

Camera-quality pictures and video

5 megapixel camera includes LED flash, auto focus, zoom, white balance and color effects

Note: Data plan cards are NOT provided with this device. WiFi is required.

Key Features:			Android Phone		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	2	NEXS	RCC 357F
Requires Drivers		Yes	Web Link		

Apple iPhone (unlocked)

Apple IPhone (Unlocked) with Camera, GPS and WiFi.

Note: Data plan cards are NOT provided with this device. WiFi is required.

Key Features:			Unlocked iPhone	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan/Long Term Loan:			Yes	See Instructor
Qty:	**Code:**	**Location:**	3 IPHONE	RCC 364 See Jeremy
Requires Drivers		No	Web Link	

Apple iPhone Gen 5

	Apple IPhone (Unlocked) with Camera, GPS and WiFi. Note: Data plan cards are NOT provided with this device. WiFi is required.				
Key Features:			Unlocked iPhone Gen 5		
Instructor Permission Required:			For 2+ Days		
Overnight Loan/Long Term Loan:			Yes		See Instructor
Qty:	**Code:**	**Location:**	1	IPHONE5-01	RCC 357F
Requires Drivers	No		Web Link		

Apple Lightning Connectors

	Lighting to Digital AV Adapter Lighting to VGA Adapter Lighting to 30 Pin Apple Adapter				
Key Features:			Lighting Connectors		
Instructor Permission Required:			For 2+ Days		
Overnight Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	3	LIGHTHDMI LIGH2VGA LIGHT30PIN	RCC 357F
Requires Drivers	No		Web Link		

iPod Touch

	2 – 8GB Gen 4 Units (IPODGEN4)	

Key Features:		Media Player/Web Browser/Apps		
Instructor Permission Required:		For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**	Yes		See Instructor
Qty:	**Code:**	**Location:**	20	IPD	RCC 357F
Requires Drivers		No	Web Link	

Viewsonic GTablet

	Android 3
	Rooted (for Development)
	10" Screen
	Tecra II Processor

Key Features:		Android Tablet (Rooted: Android 2.2)		
Instructor Permission Required:		For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**	Yes		See Instructor
Qty: 2	**Code:**	**Location:**	2	GTAB	RCC 357F
Requires Drivers		No	Web Link	

Elocity A7

Android 2.2

Rooted (for Development)

7" Screen

Tecra II Processor

Key Features:			Android Tablet (Rooted: Android 2.2)		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty: 1	Code:	Location:	1	ELOC	RCC 357F
Requires Drivers		No	Web Link		

Envizen (7" Android 4.03 Tablet)

Android 4.03
PU: 1.2GHz ARM Cotex-A8
OS System: Android 4.0
RAM：DDRIII 1GB
Flash Memory：8GB
Resolution: 800x480

Key Features:			Android Tablet (Android 4.03)		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty: 1	Code:	Location:	1	ENVIZEN	RCC 357F
Requires Drivers		No	Web Link		

Samsung Galaxy P1000

Android 2.2

Not Rooted

7" Screen

Key Features:			Android Tablet (Android 2.2)		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty: 1	Code:	Location:	1	SAMGAL	RCC 357F
Requires Drivers		No	Web Link		

Asus Eee Pad

NVIDIA® Tegra™ 2 1.0GHz dual-core CPU

1080p video playback Android 3.1 Honeycomb O.S. with Adobe® Flash® 10.2 support[2]

Key Features:			Android Tablet (Android 3.1)		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty: 1	Code:	Location:	1	EEPAD	RCC 357F
Requires Drivers		No	Web Link		

Google Android Nexus 7

- Android 4.2 (Jelly Bean)
- 4,325 mAh battery
- Accelerometer
- GPS
- Gyroscope
- Microphone
- Magnetometer
- Loves Processing!

Key Features:			Android Tablet (Android 4.2)		
Instructor Permission Required:			For 2+ Days		
Overnight Loan:	**Long Term Loan:**		Yes		See Instructor
Qty: 7	**Code:**	**Location:**	7	NEXYUS-01	RCC 357F
Requires Drivers		No	[Web Link](#)		

iPad Mini Gen 1

7.9-inch (diagonal) LED-backlit Multi-Touch display with IPS technology

1024-by-768 resolution at 163 pixels per inch (ppi)

Key Features:			iPad Mini Generation 1		
Instructor Permission Required:			For 2+ Days		
Overnight Loan:	**Long Term Loan:**		Yes		See Instructor
Qty: 7	**Code:**	**Location:**	1	IPADMINI 01	RCC 357F
Requires Drivers		No	[Web Link](#)		

iPad Gen 4 (Retina)

	1.4 GHz dual-core Apple Swift 2,048 × 1,536 pixels at 264 ppi (Retina Display)

Key Features:			iPad Generation 4		
Instructor Permission Required:			For 2+ Days		
Overnight Loan:	**Long Term Loan:**		Yes		See Instructor
Qty: 7	**Code:**	**Location:**	1	IPADGEN4 01	RCC 357F
Requires Drivers		No	Web Link		

iPad (Generation 1- 64 GB)

	iPad – Generation 1 – 64GB

Key Features:			iPad Tablet		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	4	IPAD-G1	RCC 357F
Requires Drivers		No	Web Link		

Apple Lightning Connectors

	Lighting to Digital AV Adapter Lighting to VGA Adapter Lighting to 30 Pin Apple Adapter

Key Features:			Lighting Connectors	
Instructor Permission Required:			For 2+ Days	
Overnight Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	3 LIGHTHDMI LIGH2VGA LIGHT30PIN	RCC 357F
Requires Drivers	No		Web Link	

iPad (Generation 2- 32 GB)

	iPad – Generation 2 – 32GB

Key Features:			iPad Tablet	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty: 2	**Code:**	**Location:**	2 IPAD-G2	RCC 357F
Requires Drivers	No		Web Link	

iPad Stand

iPad Stand

Key Features:			iPad Accessory		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	2	IPADSTAND	RCC 357F
Requires Drivers		No			

iPad Security Holder

iPad Security Holder

Key Features:			iPad Accessory		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	4	IPADSEC	RCC 357F
Requires Drivers		No			

Tablet Pens

	Tablet Pen	

Key Features:			iPad Accessory	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	2 MONOTABPEN	RCC 357F
Requires Drivers		No		

iPad to VGA Converter/Docking Cable and Charger

	iPad to VGA	

Key Features:			iPad to VGA + Charging	
Instructor Permission Required:			For 2+ Days	
Overnight Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	4 IPAD-G1	RCC 357F
Requires Drivers		No	[Web Link](#)	

iPad to Camera Connection Kit + iPad Dock

	Camera Connection Kit iPad Dock	

Key Features:			iPad Camera Connection Kit	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	1/1 IPADCMKT/ IDOCK	RCC 357F
Requires Drivers		No	[Web Link](#)	

Thunderbolt to Firewire (800) Adapter

		Connects Apple laptop to Firewire devices.		
Key Features:				
Instructor Permission Required:		For 2+ Days		
Overnight Loan:	**Long Term Loan:**	Yes		See Instructor
Qty:	**Code:**	**Location:**	1	RCC 357F
			MDP2FIRE	
Requires Drivers		No		

iPad Generation 2 to HDMI Adapter

		iPad G2 to HDMI Works with iPods and iPhones		
Key Features:		iPad 2 to HDMI		
Instructor Permission Required:		For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**	Yes		See Instructor
Qty:	**Code:**	**Location:**	2	IPAD2HDMI	RCC 357F
			IPADHDMI	
Requires Drivers		No	Web Link	

iPod/IPhone to Component Cable

	iPod/iPhone to Component
Key Features:	iPod/iPhone to Component
Instructor Permission Required:	For >5 Days (excluding Weekends)

Short-Term Loan:		**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	1	IPOD2COMP	RCC 357F
Requires Drivers		No		Web Link	

IPOD Lavaliere

	iPod compatible lapel microphone.
Key Features:	iPod Mic
Instructor Permission Required:	For >5 Days (excluding Weekends)

Short-Term Loan:		**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	3	RCC 357F
Requires Drivers		No	Web Link	

IPOD Microphone

	iPod compatible small microphone.	

Key Features:			iPod Mic	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	3	RCC 357F
Requires Drivers		No	Web Link	

Sony Playstation Portable

	Portable entertainment /game device. WiFi Browser	

Key Features:			Portable Gaming/Media Player	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	1	RCC 357F
Requires Drivers		No	Web Link	

Xbox 360 Standard

	HD Game System. Wireless controller.	

Key Features:			HD Gaming		
Instructor Permission Required:			See Instructor		
Short-Term Loan:	Long Term Loan:		Yes		No
Qty:	Code:	Location:	2	XBOX	See Jeremy RCC364
Requires Drivers		No	Web Link		

Nintendo Wii (1) + Sony Playstation (2)

Key Features: SD Gaming	Blu-Ray Player/HD Gaming/BD Live
Instructor Permission Required:	See Instructor

Short-Term Loan:	**Long Term Loan:**		Yes	No
Qty:	**Code:**	**Location:**	See Jeremy (RCC230C)	See Jeremy RCC364
Requires Drivers		No		

Multi-format Card Readers

Card Reader and USB Hub

Monoprice X1

Iogear X 2

Key Features:	Card Reader
Instructor Permission Required:	See Instructor

Short-Term Loan:	**Long Term Loan:**		Yes	No
Qty:	**Code:**	**Location:**	3 CARDREAD	RCC 357F
Requires Drivers		No		

Touch Screens, Tablets, 3D and VR Technology

MIMO Touch Screen 720-S

	Touch screen monitor. Powered by USB.		
7" MIMO SLIDER 710			
Key Features:		Small Touch Screen	
Instructor Permission Required:		See Instructor	
Short-Term Loan/Long Term Loan:		Yes	Emerge Lab
Qty:	**Code:**	**Location:**	1	IMO-01	RCC 357F
Requires Drivers		Yes	Web Link	

MIMO Touch Screen Pivot

	Touch screen monitor. Powered by USB.		
Key Features:		Small Touch Screen	
Instructor Permission Required:		See Instructor	
Short-Term Loan/Long Term Loan:		Yes	No
Qty:	**Code:**	**Location:**		IMO-02	Emerge Lab
Requires Drivers		Yes	Web Link	

MIMO Monster Touch 10 Inch

Touch screen monitor. Powered by USB. 1024X600.		

Key Features:			Large Touch Screen	
Instructor Permission Required:			See Instructor	
Short-Term Loan/Long Term Loan:			Yes	No
Qty:	**Code:**	**Location:**	1	MIMOTEN 01	Emerge Lab
Requires Drivers		Yes	[Web Link](#)	

Wacom Cintiq 12WX
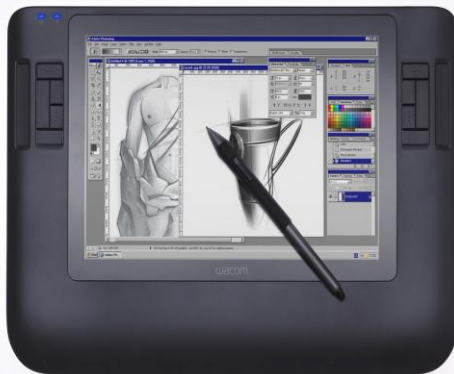
Wide-format LCD monitor with integrated pressure sensitive pen tablet.	

Key Features:			Pen Tablet with Screen	
Instructor Permission Required:			See Instructor	
Short-Term Loan:	**Long Term Loan:**		Yes	No
Qty:	**Code:**	**Location:**	2	CINTQ12WX	RCC 357F
Requires Drivers		Yes	[Web Link](#)	

Wacom Intuos4

	Pressure sensitive pen tablet.			
Key Features:		Pen Tablet		
Instructor Permission Required:		See Instructor		
Short-Term Loan:	**Long Term Loan:**	Yes		No
Qty:	**Code:**	**Location:**	2	INTUOUS
Requires Drivers		Yes	Web Link	

RCC 357F is listed under Location for Qty 2, INTUOUS code.

Wacom Cintiq 21UX

	21" LCD monitor with integrated pressure sensitive pen tablet.			
Key Features:		Pen Tablet with Screen		
Instructor Permission Required:		See Instructor		
Short-Term Loan:	**Long Term Loan:**	Yes		See Instructor
Qty:	**Code:**	**Location:**	2	CINTQ21UX
Requires Drivers		Yes	Web Link	

In RCC359B (VCL) is listed under Location for CINTQ21UX.

Wacom Inkling

	The Inkling digital sketch pen captures a digital likeness of your work while you sketch with its ballpoint tip on any sketchbook or standard piece of paper.

Key Features:			Digital Pen	
Instructor Permission Required:			See Instructor	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	1 INKLING	RCC 357F
Requires Drivers		Yes	Web Link	

Multi Touch Monitor (Windows Only)

	1080p multi-touch display. HDMI and VGA input. Windows only

Key Features:			Multi-Touch Screen	
Instructor Permission Required:			See Instructor	
Short-Term Loan:	**Long Term Loan:**		No	No
Qty:	**Code:**	**Location:**	2 ATOUCH	Emerge Lab + Mixed Reality Cluster
Requires Drivers		Yes	Web Link	

ELO 17115L Touch Screen LCD

17" touch screen monitor.

Windows and OSX

Key Features:			Touch Screen		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	ELO	RCC 357F
Requires Drivers		Yes	Web Link		

Emotive Headset + SDK + Hydrator Pack

The Emotiv EPOC is a high resolution, neuro-signal acquisition and processing wireless neuroheadset.

Uses a set of sensors to tune into electric signals produced by the brain to detect player thoughts, feelings and expressions and connects wirelessly to most PCs.

Key Features:			Brain Activity Monitor!		
Instructor Permission Required:			See Instructor		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	2	EMOTIV	RCC 357F
Requires Drivers		Yes	Web Link		

Vuzix Iwear VR 920 Glasses

Virtual Reality Glasses.

Built-in camera unit.

VGA adapter.

Key Features:			VR Glasses		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	VR920-01	RCC 357F
Requires Drivers		Yes	Web Link		

Vuzix Iwear VR 230 Glasses

Virtual Reality Glasses.

Vuzix' Wrap 230 video eyewear connects to all NTSC or PAL audio/video devices with video-out capabilities and composite video-out connections.

VGA adapter.

Key Features:			VR Glasses		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	VUSIX-01	RCC 357F
Requires Drivers		Yes	Web Link		

3D Connexion Controller

USB 3D Navigation Controller with multiple DOF.

Key Features:			3D Controller		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	3DCN	RCC 357F
Requires Drivers		Yes	Web Link		

Mixed Reality Platform

Complete Mixed Reality Platform

Include an LCD Screen with QLabs Multi-Touch interface. Kinect, USB Cameras, Wireless Headphones (4). Fixed Headphones, Mac Mini

.
Both Windows and OSX are installed on the "Platform"

Please contact Jeremy Littler (RCC230C) if you are interested in booking this device. Users must complete a training session.

Key Features:			Mixed Reality Platform		
Instructor Permission Required:			See Instructor		
Short-Term Loan/Long Term Loan:			Yes		No
Qty:	**Code:**	**Location:**	1	MIXPLAT	In Hybrid Computing Lab
Requires Drivers		Yes			

3D Printing and Specialized Technologies

Parrot AR.Drone (Helicopter with Wireless HD Camera)

This is a **special request item**. See Jeremy Littler – RCC230C

SDK is available for this device

Key Features:			3D Controller	
Instructor Permission Required:			Yes	
Short-Term Loan:	Long Term Loan:		See Jeremy Littler (RCC230C)	See Jeremy Littler (RCC230C)
Qty:	Code:	Location:	1	RCC 357F
Requires Drivers		Yes	Web Link	

Mixed Reality Platform

Complete Mixed Reality Platform

Include an LCD Screen with QLabs Multi-Touch interface. Kinect, USB Cameras, Wireless Headphones (4). Fixed Headphones, Mac Mini
.
Both Windows and OSX are installed on the "Platform"

Please contact Jeremy Littler (RCC230C) if you are interested in booking this device. Users must complete a training session.

Key Features:			Mixed Reality Platform	
Instructor Permission Required:			See Instructor	
Short-Term Loan/Long Term Loan:			Yes	No
Qty:	Code:	Location:	1 MIXPLAT	Emerge Lab
Requires Drivers		Yes		

uPrint 3D Printer

Please see Barry Weatherhead (RCC357F) or Jeremy Littler (RCC364) regarding access to the uPrint 3D Printer. This device requires [KeyTracer](#) permissions.

Key Features:			3D Printer		
Instructor Permission Required:			See Instructor		
Short-Term Loan/Long Term Loan:			Yes		No
Qty:	**Code:**	**Location:**	1	-	Requires Instructor Approval and Keytracer Access
Requires Drivers		-			

Makerbot Replicator 2
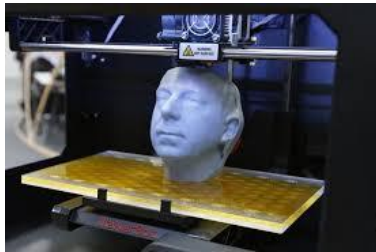
PLA 3D Printer.

Key Features:			3D Printer		
Instructor Permission Required:			See Instructor		
Short-Term Loan/Long Term Loan:			Yes		No
Qty:	**Code:**	**Location:**	1	-	RCC 357 (Hybrid Lab)
Requires Drivers		Yes	[Link](#)		

Projection and Presentation Devices

Panasonic PT-LB51U

Daylight View 2 Technology
2000 Lumens
XGA Native, UXGA Compatible
Up to 400:1 Contrast Ratio
One-Touch "auto everything" Direct
   Power Off
Extra Short Throw Lens
Automatic Input Signal Detector
Input Auto Set-up
Quiet Operation (30dB in low power
   mode)
4:3 Aspect Ratio Native (16:9 Capable)
2 x RGB inputs (one RGB input can be
   switched to RGB Out)
3x Digital Zoom and Focus
Easy-to-use remote control
Built-in 1W Speaker
Variable audio out

Key Features:			Portable Projectors	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	3 PRJ	RCC 357F
Requires Drivers		No	Web Link	

NEC WT610

Short Throw Projector

2000 Lumens

HDTV: 720p, 1080i support

Native 1024X768 Pixels.

Key Features:			Short Throw Projector	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	1 NECSHR	RCC 357F
Requires Drivers		No	Web Link	

Mitsubishi Projector – FD630U

4000 Lumens
HDTV: 720p, 1080i/p support
HDMI/VGA/Component Inputs *

Key Features:			1080p Projector: 4000 Lumens		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		No
Qty:	Code:	Location:	3	MITPRJ	RCC 357F
Requires Drivers		No	Web Link		

Acer K11 Pico Projector

Pico Projector
200 Lumens
HDMI and VGA Input
IPod Input
Sound Input
Tripod Mountable

Key Features:			Pico Projector		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty: 2	Code:	Location:	2	PICO	RCC 357F
Requires Drivers		No	Web Link		

AAXA P3 Pico Projector

Pico Projector
50 Lumens
HDMI and VGA Input
IPod Input
Sound Input
Tripod Mountable
Built-in Media Player
Battery Powered

Key Features:			Pico Projector		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty: 2	Code:	Location:	2	AAXAP3	RCC 357F
Requires Drivers		No	Web Link		

OPTOMA PK201 Pico Projector

Pico Projector
20 Lumens
Mini-HDMI and VGA Input
Sound Input
Tripod Mountable
Battery Powered

Key Features:			Pico Projector		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty: 2	Code:	Location:	1	PK201PICO	RCC 357F
Requires Drivers		No	Web Link		

Optoma GT750E Projector

Native 1280X800 Resolution
Native 3D Support
3000 Lumens

Key Features:			HD Projector	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty: 2	Code:	Location:	2	OPTOMA750	RCC 357F
Requires Drivers		No	Web Link	

BenQ W710ST Short Throw Projector

Native 1280X720
Resolution
Native 3D
2500 Lumens
Short Throw

Key Features:			HD Projector	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty: 2	Code:	Location:	2	BENQPRJ-	RCC 357F
Requires Drivers		No	Web Link	

AVIO iP-01E Projector (Document Projector)

By simply placing a document or a solid object on the glass surface of iP-01UE, clear image can be projected onto a screen. Even small letters of a magazine or a newspaper can be projected crisp and clear.

- Short Thoe Lens
- Standard Projector (VGA) Functionality
- 2500 Ansi Lumens
- VGA and Component Inputs

Key Features:			Document Projector		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		No		See Instructor
Qty: 1	Code:	Location:	1	AVIOPROJ	RCC 357F
Requires Drivers		No	Web Link		

Viewsonic Pro8400 HD Projectors

- HD Projector
- 4000 ANSI Lumens
- VGA and HDMI Inputs
- Native 1080p

Key Features:			HD Projector		
Instructor Permission Required:			3 are installed in Espresso Carts		
Short-Term Loan:	Long Term Loan:		No		No
Qty: 1	Code:	Location:	4	VPRO8400	RCC 357F
Requires Drivers		No	Web Link		

Panasonic PT-LB60U Projector

	- 4X3 Ratio Projector - 3200 ANSI Lumens - VGA Inputs

Key Features:			HD Projector	
Instructor Permission Required:			Located in Espresso Cart	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty: 1	Code:	Location:	4 PANPT	RCC 357F
Requires Drivers		No	Web Link	

Manfrotto 183 Projector Mounts (for Tripods)

	- Projector Mount for Tripods - Includes Mouting Straps

Key Features:			Tripod Mounting for Projectors	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty: 2	Code:	Location:	2 MF394	RCC 357F
Requires Drivers		No	Web Link	

VGA to RGBVH/RCA Adapters

VGA to RGBVH

Component to VGA Cable (6 feet)

Key Features:			Projector Adapters		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty: 2	Code:	Location:	2	VGA2RCA VGA2RGBVH	RCC 357F
Requires Drivers		No			

Antra PSM-01B Universal Projector Ceiling Mount

- Projector Mount (Ceiling)

Key Features:			Ceiling Mount for Projectors		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty: 2	Code:	Location:	1	CEILMOUNT	RCC 357F
Requires Drivers		No			

Adjustable Tilting/Swiveling Wall Mount Bracket

Adjustable Tilting/Swiveling Wall Mount Bracket for LCD LED Plasma (Max 30Lbs, 10~24inch)

Key Features:			LCD Wall Mount		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty: 2	Code:	Location:	1	LCDMOUNT	RCC 357F
Requires Drivers		No			

Portable Screen

Portable fold up screen for use with portable projectors.

Key Features:			Portable Screen		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	5	SCRN	RCC 357F
Requires Drivers		No	Web Link		

Large Portable Screen (Elite MaxWhite)

Best Buy Elite Screens EZ Cinema Floor Pull Up

Portable fold up screen for use with portable projectors.
Elite Screen MaxWhite - 100"
Diagonal 16:9

Key Features:			Portable Screen		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		No		See Instructor
Qty:	Code:	Location:	1	COLLAP100	RCC 357F
Requires Drivers		No			

Poster Easels Speakers

Key Features:					
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	6	EASEL	RCC 357F
Requires Drivers		No			

Edirol Speakers

		Stereo reference monitors. Auxiliary (mini-plug) input.		
Key Features:				
Instructor Permission Required:		For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	4	RCC 357F
Requires Drivers		No	[Web Link](#)	

Logitech Portable Speakers

		Portable iPod docking station and speaker set. Auxiliary (mini-plug) input.		
Key Features:			Portable Speakers	
Instructor Permission Required:		For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	1	LSPK	RCC 357F
Requires Drivers		No	[Web Link](#)	

Logitech Z110 Portable Speakers

		Powered by USB Port (not Audio over USB) Mini-plug input.		
Key Features:			Portable Speakers	
Instructor Permission Required:		For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	2	Z110SPK	RCC 357F
Requires Drivers		No	[Web Link](#)	

Logitech LS11 Portable Speakers

Mini-plug   input.

DC Input

Key Features:			Portable Speakers		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	2	LS11SPK	RCC 357F
Requires Drivers		No	Web Link		

Z12 Portable Speakers

Battery powered micro-speakers

Key Features:			Portable Speakers		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	3	Z12SPEAK	RCC 357F
Requires Drivers		No	Web Link		

Panasonic BD Live Blu-Ray /Sony 3D Blu-Ray Player

Blu-ray with BD Live.
Dolby TrueHD and DTS-HD.
YouTube and Picasa.

See Jeremy (RCC364) regarding the Sony 3D Blu-Ray player.

Key Features:			HD		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	BRAY	RCC 357F
Requires Drivers		No	Web Link		

52" Screen in Rotolift Case

Portable protective case with 52" Sharp LCD screens. HDMI, VGA and Component Inputs.				
Key Features:			Portable and Protected	
Instructor Permission Required:			N/A for Long Term Loan	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	1　　　RLIFT	RCC 357F
Requires Drivers		No	Web Link	

Espresso Computer Cart

Portable projector cart with DVD, VHS player and VGA/HDMI connection for laptop. Microphone and amplifier. The Espresso Carts are equipped with Viewsonic Pro8400 Projectors (Native 1080p/4000 ANSI Lumens)				
Key Features:			Portable	
Instructor Permission Required:			See Barry Weatherhead. N/A for Long Term Loan	
Short-Term Loan:	**Long Term Loan:**		No	No
Qty:	**Code:**	**Location:**	3　　ESPRESSO	RCC 357F
Requires Drivers		No	Web Link	

AVRover

Portable 3D AV system. Wireless shutter glasses. 3D Projector. P/A Built-in computer. 34 Pairs of 3D glasses (AVROV2) An additional 34 pairs of glasses are available separately (in 2X17 kits) – AVROV1 Kit 1 & Kit 2			

Key Features:		Portable			
Instructor Permission Required:		See Barry Weatherhead. N/A for Long Term Loan			
Short-Term Loan:	**Long Term Loan:**	YES			See Instructor
Qty:	**Code:**	**Location:**	1	AVROV	RCC 357F
Requires Drivers		No	Web Link		

Bose PA L1 II Single Bass with Tone Match Engine

Portable PA with Mixer

Key Features:		Portable PA			
Instructor Permission Required:		See Barry Weatherhead. N/A for Long Term Loan			
Short-Term Loan:	**Long Term Loan:**	Yes			NO
Qty:	**Code:**	**Location:**	1	-	RCC 238A
Requires Drivers		No	Web Link		

Stack of 18 Blue Folding Chairs

Stack of 18 folding blue chairs, used for events, additional seating in class and meeting rooms, and 361 EFP lab.

Key Features:					
Instructor Permission Required:			Yes		
Short-Term Loan:	**Long Term Loan:**		No		No
Qty:	**Code:**	**Location:**	18	-	RCC 362
Requires Drivers		No	[Web Link](#)		

SMART board GoWire

USB cable that automatically launches SMART Notebook software, providing full access to the software and all of its tools.

There's no need to install the software on the computer.

Key Features:			SMART Board Interface		
Instructor Permission Required:			N/A for Long Term Loan		
Short-Term Loan:	**Long Term Loan:**		No		No
Qty:	**Code:**	**Location:**	4	GWIRE	RCC 357F
Requires Drivers		No	[Web Link](#)		

Kensington Wireless Presenter (Remote)

USB cable that automatically launches SMART Notebook software, providing full access to the software and all of its tools.

There's no need to install the software on the computer.

Key Features:			Presentation Remote	
Instructor Permission Required:			N/A for Long Term Loan	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	1	KENREM	RCC 357F
Requires Drivers		No	Web Link	

Laser Pens
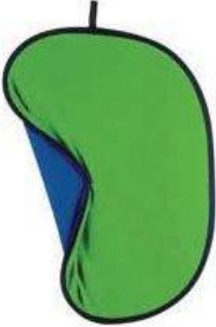
Laser Pens. For presentation and Mixed Reality Projects

Key Features:			Laser Pens	
Instructor Permission Required:			For 2+ Days	
Overnight Loan:	Long Term Loan:		No	No
Qty:	Code:	Location:	3	LASER	RCC 357F
Requires Drivers		No		

Lighting and Green Screen Systems
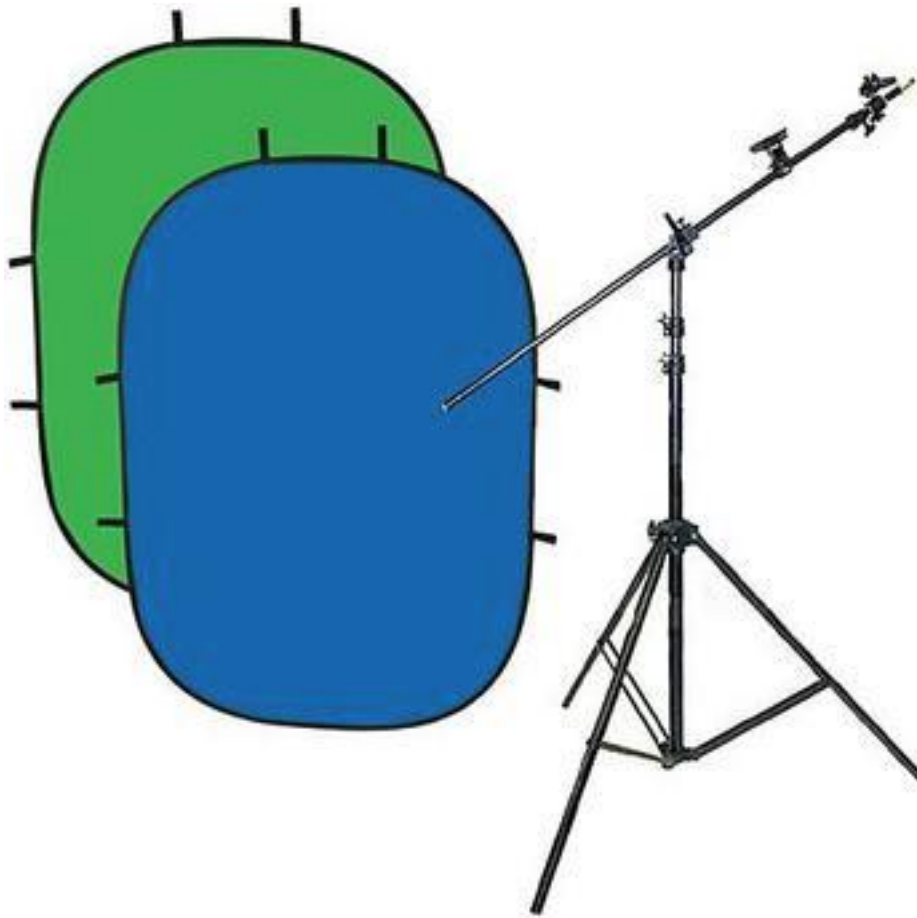
Collapsible Green Screen

	5' x 6' Chroma Blue & Chroma Green Reversible Portable Reflector.

Key Features:			Portable Green/Blue Screen with Tripod		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	1	GSR	DMZ
Requires Drivers		No	Web Link		

Portable Green Screen

	Movable Multi-colour Screen kit.

Key Features:			Various Screen Colours		
Instructor Permission Required:			No		
Short-Term Loan:		Long Term Loan:	No		No
Qty:	Code:	Location:	1	GSR	RCC 361 Closet
Requires Drivers		No	Web Link		

Bescor LED 90K Video Light Fixture

Portable battery powered lighting kit, with tripod stands.

For lighting in areas with no power outlets.

Key Features:			Portable		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	2		RCC 357F
Requires Drivers		No	Web Link		

Kino Flow Lights

Portable lighting system for video location work

Key Features:			Portable		
Instructor Permission Required:			N/A For Long Term Loan		
Short-Term Loan:		Long Term Loan:	No		No
Qty:	Code:	Location:	4		RCC 357F
Requires Drivers		No	Web Link		

Nintendo Wii Components

2 Bay Wii Controller Charger

Charge two Wiimotes at the same time.

Key Features:			Twice as fast as one!		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	1	WCHG2	RCC 357F
Requires Drivers		No	Web Link		

4 Bay Wii Controller Charger
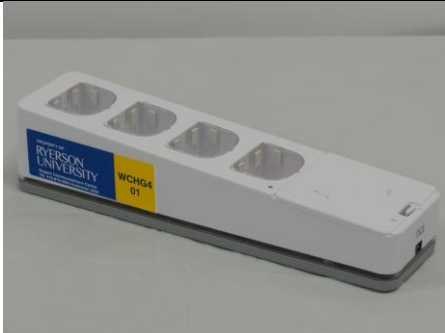
Charges 4 Wiimotes at the same time.

Key Features:			Four times the charging fun!		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	1	WCHG4	RCC 357F
Requires Drivers		No	Web Link		

WiiMotes and Nunchucks Set

Primary controller for Nintendo's Wii console.

A main feature of the Wii Remote is its motion sensing capability, which allows the user to interact with and manipulate items on screen via gesture recognition and pointing through the use of accelerometer and optical sensor technology.

Key Features:					
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	1	NCHUCK	RCC 357F
Requires Drivers		No	Web Link		

Wiimotes Advanced and Nunchucks Set

Primary controller for Nintendo's Wii console.

A main feature of the Wii Remote is its motion sensing capability, which allows the user to interact with and manipulate items on screen via gesture recognition and pointing through the use of accelerometer and optical sensor technology.

Key Features:					
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	1	WI-RM	RCC 357F
Requires Drivers		No	Web Link		

Wiimote Motion Kit

Primary controller for Nintendo's Wii console.

A main feature of the Wii Remote is its motion sensing capability, which allows the user to interact with and manipulate items on screen via gesture recognition and pointing through the use of accelerometer and optical sensor technology.

Two controllers and tripod mounts.

Key Features:			Whiteboard Projects	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	1 WIMOTEKIT 01	RCC 357F
Requires Drivers		Yes	Web Link	

Wiimote IR Pen/Whiteboard Development Kits

Develop Whiteboard Applications.

Complete IR Pen Test/Development Kit

Test IR Pen designs.

Please see Jeremy Littler (RCC230C)

Key Features:			Whiteboard Projects	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	2 SABRE-01 Or GROVE-01	RCC 357F
Requires Drivers		Yes	Web Link	

Wii Sports Kit

	Sports Kit for Wii Remotes

Key Features:			Improve your golf swing!		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	WKIT	RCC 357F
Requires Drivers		No	Web Link		

Wii USB Chargeable Batteries

	Rechargeable USB Powered Batteries for Wii Remotes

Key Features:			No more AA Batteries!		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	4	USBWIIPACK	RCC 357F
Requires Drivers		No	Web Link		

IR LED's for Wii Projects

	Develop Whiteboard Applications. Various IR Led's VISHAY SEMICONDUCTOR - TSAL6400 - IR EMITTER, 940NM, T-1 3/4, THROUGH HOLE Sparkfun Infra Red LEDS (950nm)		
Key Features:	IR Leads		
Instructor Permission Required:	For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	200	ON REQUEST (SEE BARRY)	RCC 357F
Requires Drivers	Yes		

1.5" AAA Adapters for Wii Pen Projects

	For IR Pen Projects Note: these items must be returned		
Key Features:	IR Projects		
Instructor Permission Required:	For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	10	ON REQUEST (SEE BARRY)	RCC 357F
Requires Drivers	Yes		

Cables/Networking/Sharing and Media Converters

USB Cables

For use with Arduino and other USB devices.

Key Features:			USB Cable	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	40	RCC 357 Cabinet
Requires Drivers		No	[Web Link](#)	

Active USB Extension Cables

Active USB extension.

Key Features:			USB Cable	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	2	RCC 357F
Requires Drivers		No		

USB Male to Female Extension Cables

15ft USB 2.0 A Male to A Female Extension (3 units)

3ft Extension Cables Also Available (12 units)

Key Features:			USB Cable	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	15	-	RCC 357F
Requires Drivers		No		

High Speed (1.4a) HDMI Cables

HDMI (supports 3D systems).

6ft 28AWG High Speed HDMI.

Key Features:			HDMI Cable	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	3	RCC 357F
			HDMIM2M	
Requires Drivers		No		

Mini HDMI Cables

Mini-HDMI to HDMI

6ft 28AWG High Speed HDMI.

Key Features:			Various Types	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	2	RCC 357F
Requires Drivers		No		

Powered USB HUB

Powered USB Hub.

Key Features:			Powered USB Hub	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty: 1	Code:	Location:		RCC 357F
Requires Drivers		No		

Guru Plug + JTAG (Wifi File Sharing)

GuruPlug is a compact and low power Linux [Plug computer](). It is intended to be a device that could act as a web server, a printing server or any other network service. It has local storage in [NAND Flash](), but also offers USB ports and a Serial ATA port to connect external disks.

Key Features:			Wifi File Sharing	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty: 2	**Code:**	**Location:**	2　　GURU	RCC 357F
Requires Drivers		No		

POGO Plug (File Sharing)

Access your files from any connected computer or mobile device

Stream media to your smartphone, gaming console or Internet-enabled TV

Share files, photos, music, movies and more—instantly

Send large files without uploading or attaching

Unlimited storage, no fees

Fixed or Wireless

Key Features:			File Sharing Device using Web Proxy	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty: 1	**Code:**	**Location:**	1　　POGO	RCC 357F
Requires Drivers		No		

Firewire Cables

4, 6, and 8 pin cables.
600 to 600
800 to 800

Key Features:			Various Types		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	25		RCC 357F
Requires Drivers		No	Web Link		

Micro USB to HDMI Adapter

For use with mobile devices.

Key Features:			Various Types		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	MICROHDMI	RCC 357 Cabinet
Requires Drivers		No			

CAT 5 to USB female

USB Extender over Cat5

Key Features:			USB Extender over Cat5		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1		RCC 357F
Requires Drivers		No	Web Link		

VGA Cable

Connect laptop or desktop computer to an additional screen or projector.

Key Features:			Various Types		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	-		RCC 357F
Requires Drivers		No	Web Link		

Female to Female VGA Adaptors

Connect two male to male vga cable to extend cable length.

Key Features:			VGA Adapter		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	2		RCC 357F
Requires Drivers		No	Web Link		

Mini to Mini Stereo Cable

Mini to mini stereo extension cable.

Key Features:			Mini to Mini Extension Cable		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		
Qty:	Code:	Location:	1		RCC357F
Requires Drivers		No	Web Link		

2 Mini Female to 1 Male Y Adaptor

Split source signal output from any mini headphone or other type mini jack. Stereo.

Key Features:			Split Source Signal		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	1		RCC 357F
Requires Drivers		No	Web Link		

2 RCA Male to RCA Female Y Adaptor

Split source signal from one RCA to two.

Key Features:			Split Signal		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	1		RCC 357F
Requires Drivers		No	Web Link		

RCA to Mini Stereo Jack

		Connect headphone jack to a stereo RCA jack, or any other mini to RCA connection.		
Key Features:			Split Signal	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	1	RCC 357F
Requires Drivers		No	Web Link	

RCA to RCA

		Connect video and audio RCA type outputs to RCA inputs.		
Key Features:			RCA + Composite Extender	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	1	DMZ
Requires Drivers		No	Web Link	

Universal AC Adaptors (300mA and 500mA)

		AC adapter conveniently converts DC power to AC power and allows DC powered equipment to be plugged into an AC power outlet. It also permits for the operation of battery powered units requiring a wide range of voltages, including 1.5, 3, 4.5, 6, 7.5, 9 or 12 volts DC, with a maximum current load of 300mA. Additional 500mA power adapters are available on request.		
Key Features:			Multiple Voltages/Polarity	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	5	VDAPT	RCC 357F
Requires Drivers		No	Web Link	

Power Bar 1

		8 Outlet			
Key Features:			Power Bar (Wide)		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	7		RCC 357F
				PWRBAR8	
Requires Drivers		No	Web Link		

Power Bar 2

Key Features:			Power Bar		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	1		RCC 357F
Requires Drivers		No	Web Link		

Power Bar 3

Key Features:			Power Bar		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	1		RCC 357F
Requires Drivers		No	Web Link		

Power Cords

Key Features:			Power Cord	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	16	RCC 357F
Requires Drivers		No		

Outlet Power Surge Protector Wall Tap w/ 2 Built-In USB Charger

Power and USB Charging

Key Features:			Power Tap with USB Charging	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	2	PWRUSB	RCC 357F
Requires Drivers		No		

Tools

Portable Soldering Kit

Bag, multimeter, breadboard, wire strippers, wire cutters, wrist guard, soldering iron, fan and filters, third hand.

A complete Lab in a bag! Available for signout.

Note: 4 Personal Soldering Kits are also available from 4 Safes in the HCL.

Key Features:			Lab in A Bag!		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	1	PORTSOL	RCC 357F
Requires Drivers		No	Web Link		

Micro (Portable) Solder Kit

Light Toolbox, wire strippers, wire cutters, soldering iron, solder, brass cleaning station, resistors, LED's, precision tool kit, Best - DT9205A Multimeter 9V battery.

A complete Soldering lab.

Note: 4 Personal Soldering Kits are also available from 4 Safes in the HCL.

Key Features:			A Solder Lab in Small Toolbox		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	Yes		See Instructor
Qty:	Code:	Location:	4	MINISOLDKIT	RCC 357F
Requires Drivers		No			

Smoke Absorber Filters

Filters for smoke absorbers

Key Features:			Smoke Absorber Filters		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	No		No
Qty:	Code:	Location:	63	-	RCC 357 Cabinet

Electronic Component Trays

	Electronic Component Trays

Key Features:			Electronic Component Trays		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	3	PRJCASE	RCC 357F
Requires Drivers		No			

Weller Solder Station (WES51 and WESD51)

	· Includes WES51PU power unit, PES51 soldering pencil, PH50 stand, sponge · Improved plug on the PES51 iron, new receptacle on WES51PU power unit · New receptacle for easier iron replacement · Designed for continuous production soldering · Slim, comfortable pencil, with ETA tip, reduces operator fatigue · Tip temperature offset capability · Allows user to reset station temperature to match in tip sizes & styles · Iron is fitted with a non-burnable silicon rubber cord for safety · UL and cUL listed and ESD safe to protect sensitive components · Use ET series tips

Key Features:			Variable Temp Solder Station		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		No		See Instructor
Qty:	**Code:**	**Location:**	16	-	RCC 357 Cabinet RCC357F MRC Safes
Requires Drivers		No	Web Link		

Weller Smoke Absorber (Soldering Fan)

Soldering work involves both metallic and organic compounds; the solders themselves, and the fluxes necessary for soldering. These compounds release noxious fumes when heated, which can lead to both short and long term operator irritations and illness. The Weller WSA350 is designed to remove noxious fumes quickly, safely, and efficiently.

Carbon activated replaceable.

Key Features:			Smoke Absorber		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	No		No
Qty:	Code:	Location:	22	-	RCC 357 Cabinet
Requires Drivers		No	Web Link		

Third Hand

A third hand!

Comes with a heavy base, two alligator clips, a soldering iron holder, and a magnifying glass.

Key Features:			Third Hand		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	No		No
Qty:	Code:	Location:	11	-	RCC 357 Cabinet
Requires Drivers		No	Web Link		

Solder Wick

Solder Wick

Key Features:			Wicl		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	No		No
Qty:	Code:	Location:	6	-	RCC 357 Cabinet
Requires Drivers		No	Web Link		

Soldering Sponges

Solder Station sponges.

Key Features:			Solder Sponges		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		No		No
Qty:	**Code:**	**Location:**	20	-	RCC 357 Cabinet
Requires Drivers		No	[Web Link](#)		

Miscellaneous Soldering/De-soldering Items

Solder (Leaded/Unleaded)
Solder Iron Tip Cleaner
De-soldering Tools

Key Features:			Soldering Accessories		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		No		No
Qty:	**Code:**	**Location:**	20	-	RCC 357 Cabinet
Requires Drivers		No	[Web Link](#)		

Tektronix Oscilloscope

Electronic test instrument.

Oscilloscope.

Key Features:			Oscilloscope		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		No		No
Qty:	**Code:**	**Location:**	2	-	RCC 357 Cabinet
Requires Drivers		No	[Web Link](#)		

Multimeters (Various)

	Multimeter -MTP 2850. Multimeter DT9205A available in Micro Solder Kits.	
Key Features:	Multimeter	
Instructor Permission Required:	For >5 Days (excluding Weekends)	
Short-Term Loan: **Long Term Loan:**	In Portable Solder Kits	No
Qty: **Code:** **Location:**	10 -	RCC 357 Cabinet
Requires Drivers No	[Web Link]	

GW Power Supply

	Dual Measurement Display 0.01 % High Regulation Constant Voltage and Constant Current Operation High Efficiency High Power Density Over Voltage Protection Remote Output ON/OFF Control	
Key Features:	Variable DC Power Supply	
Instructor Permission Required:	For >5 Days (excluding Weekends)	
Short-Term Loan: **Long Term Loan:**	No	No
Qty: **Code:** **Location:**	3 -	RCC 357 Cabinet
Requires Drivers No	[Web Link]	

Glue Gun

	Glue Gun. Small and Large Sizes	
Key Features:	Glue Gun	
Instructor Permission Required:	For >5 Days (excluding Weekends)	
Short-Term Loan: **Long Term Loan:**	No	See Instructor
Qty: **Code:** **Location:**	5 -	RCC 357 Cabinet
Requires Drivers No	[Web Link]	

Magnifying Light

	6 inch diameter magnifying lamp head (15 cm) has lens cover Circular 12 watt fluorescent bulb that surrounds inspection magnifying lens large viewing area 5 diopter magnification glass lens is 4 inches in diameter (10.1 cm)

Key Features:			Magnifying Lamp/Light		
Instructor Permission Required:			N/A for Loan		
Short-Term Loan:	Long Term Loan:		No		No
Qty:	Code:	Location:	1	-	RCC 357 Cabinet
Requires Drivers		No	Web Link		

Mastercraft 14 piece Clamp Kit

	Includes: six ¾", four 1", two 2", two 3" clamps Ergonomic rubber grips for greater comfort Pivoting V-grooved jaws for flat or oddly-shaped work pieces High-strength plastic Lightweight and impact-resistant

Key Features:			Various sizes		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		No		No
Qty:	Code:	Location:	2	-	RCC 357 Cabinet
Requires Drivers		No			

C-Clamp

	· Leveling swivel adjusts to fit various shaped materials. Zinc-plated bar and spindle extends tool life and reduces corrosion · Cast-iron construction for added durability

Key Features:			Clamp		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		No		No
Qty:	Code:	Location:	1	-	RCC 357 Cabinet
Requires Drivers		No			

Caulking Gun

Key Features:			Caulking Gun	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		No	No
Qty:	Code:	Location:	1	-	RCC 357 cabinet
Requires Drivers		No	Web Link	

Used in process to seal joints or seams in various structures and certain types of piping

Two Stage Epoxy

Epoxy resin and a hardener.

Bonds metal, glass, ceramic, wood, many rigid plastics, china, tile, fiberglass, concrete and stone.

Key Features:				
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		No	No
Qty:	Code:	Location:	1	-	RCC 357 Cabinet
Requires Drivers		No	Web Link	

Large Vise

Mechanical screw apparatus used for holding or clamping a piece of work.

Key Features:			Frees Hands	
Instructor Permission Required:			N/A for Loan	
Short-Term Loan:	Long Term Loan:		No	No
Qty:	Code:	Location:	1	-	RCC 357 Cabinet
Requires Drivers		No	Web Link	

Precision Screwdriver Set

	33 Piece Precision Screwdriver Set.		
Key Features:	Various Sizes/Types		
Instructor Permission Required:	N/A for Loan		
Short-Term Loan:	**Long Term Loan:**	No	No
Qty:	**Code:**	**Location:**	1	-	RCC 357 Cabinet
Requires Drivers	No	Web Link	

Plato Sheers

	Crimping, Stripping, Cutting.		
Key Features:	Sheers		
Instructor Permission Required:	For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**	No	No
Qty:	**Code:**	**Location:**	10	-	RCC 357 Cabinet
Requires Drivers	No	Web Link	

Red Wire Cutters

	Wire cutter.		
Key Features:	Wire Cutters		
Instructor Permission Required:	For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**	No	No
Qty:	**Code:**	**Location:**	17	-	RCC 357 Cabinet
Requires Drivers	No	Web Link	

Needle Nose Pliers

	Needle nose pliers.				
Key Features:			Needle Nose Pliers		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		No		No
Qty:	**Code:**	**Location:**	3	-	RCC 357F
Requires Drivers		No	[Web Link](#)		

Lined Leather Gloves

Key Features:			Lined Leather Gloves		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		No		No
Qty:	**Code:**	**Location:**	1	-	RCC 357 Cabinet
Requires Drivers		No	[Web Link](#)		

Rubber Gloves

	Protection of the hands while performing tasks involving chemicals.				
Key Features:			Rubber Gloves		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		No		No
Qty:	**Code:**	**Location:**	2	-	RCC 357 Cabinet
Requires Drivers		No	[Web Link](#)		

Safety Glasses

Eye protection.

Key Features:			Safety Glasses		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	No		No
Qty:	Code:	Location:	14	-	RCC 357 Cabinet
Requires Drivers		No	Web Link		

Safety Goggles

Eye Protection.

Key Features:			Safety Goggles		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	No		No
Qty:	Code:	Location:	1	-	RCC 357 Cabinet
Requires Drivers		No	Web Link		

Tool Kit

Screwdrivers, flashlight, scissors, measuring tape, pliers, exacto knife, rivet tool, hammer, vinyl electrical tape, small vice grips, super glue, wrench set, saw, file, etc.

Key Features:			Tool Kit		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:		Long Term Loan:	No		No
Qty:	Code:	Location:	1	-	RCC 357 Cabinet
Requires Drivers		No	Web Link		

Wire Sponge

Wire sponge.

Key Features:					
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		No		No
Qty:	**Code:**	**Location:**	1	-	RCC 357 Cabinet
Requires Drivers		No	[Web Link](#)		

Drill Bits

Various sized drill bits.

Key Features:			Various sizes		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		No		No
Qty:	**Code:**	**Location:**	1	-	RCC 357 Cabinet
Requires Drivers		No	[Web Link](#)		

Duct Tape

For various taping jobs.

Do not use on walls or floors or other surfaces of Rogers Communication Centre.

Key Features:					
Instructor Permission Required:			Yes		
Short-Term Loan:	**Long Term Loan:**		No		No
Qty:	**Code:**	**Location:**	1	-	RCC 357 Cabinet
Requires Drivers		No	[Web Link](#)		

Dremel and Accessories (1 Kit for Sign-out)

Drilling, sanding etc.
Wide range of accessories
1 Dremel + 1 Dremel Accessories

One Dremel and One Dremel Accessories Kit is available for sign-out (Request: DREMEL-2, DREMKIT-2)

Key Features:				Dremel	
Instructor Permission Required:				Yes	
Short-Term Loan:	**Long Term Loan:**			No	See Instructor
Qty:	**Code:**	**Location:**	2	DREMEL DREMACC Or DREMEL-2/DREMKIT2	RCC 357 Cabinet
Requires Drivers		No			

Heat Gun

Key Features:				Heat Gun	
Instructor Permission Required:				Yes	
Short-Term Loan:	**Long Term Loan:**			No	See Instructor
Qty:	**Code:**	**Location:**	2	HEATGUN	RCC 357 Cabinet
Requires Drivers		No			

Panavise

	Standard Vise (Model 301)

Key Features:			Heat Gun		
Instructor Permission Required:			Yes		
Short-Term Loan:	**Long Term Loan:**		No		See Instructor
Qty:	**Code:**	**Location:**	2	PANAVISE	RCC 357 Cabinet
Requires Drivers		No			

Electronic Components

500mA Universal Adapters

Various size 500mA Universal Adapters

Key Features:			Various sizes	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		No	See Instructor
Qty:	Code:	Location:	1	RCC 357 Cabinet
Requires Drivers		No	Web Link	

Arduino UNO (USB Board)
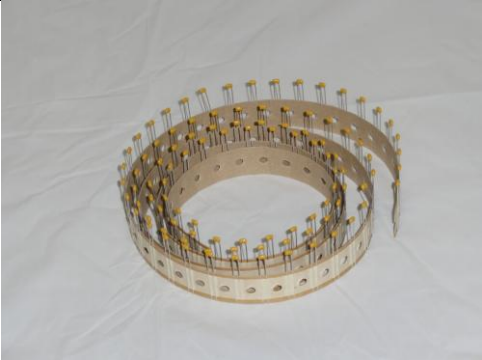
Arduino is an open-source electronics prototyping platform based on flexible, easy-to-use hardware and software. It's intended for artists, designers, hobbyists, and anyone interested in creating interactive objects or environments.

Key Features:			Prototyping Platform		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	10 for Signout	ARDKIT	Vending Machine Or RCC357F (Kit)
Requires Drivers		No	Web Link		

Breadboards

Circuit-Test Solderless Breadboards.

Key Features:			Circuit-Test Solderless Breadboards		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	14	BBRD	RCC 357 Cabinet
Requires Drivers		No	Web Link		

Round Sensors

	Round sensors.		
Key Features:	Round Sensors.		
Instructor Permission Required:	For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	3	-	RCC 357 Cabinet
Requires Drivers	No	[Web Link](#)	

Resistors

	Resistors. 220, 470, 4.7k, 1k, 10k.		
Key Features:			
Instructor Permission Required:	For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	5000	-	RCC 357 Cabinet
Requires Drivers	No	[Web Link](#)	

Ceramic COG Capacitors 5% 10%

	C0G (EIA) or NP0 (industry spec) is the material with the lowest capacitance/temperature dependence (Negative-Positive zero). C0G/NP0 dielectrics have the lowest losses, and are used in filters, as timing elements, and for balancing crystal oscillators. 103, 104		
Key Features:	Ceramic Capcitors		
Instructor Permission Required:	For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	200	-	RCC 357 Cabinet
Requires Drivers	No	[Web Link](#)	

Futaba S148 Servos

Servos.

17 – 180 servos
16 – 360 servos

Key Features:			Servos	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	33	-	RCC 357 Cabinet
Requires Drivers		No	Web Link	

Phidget RFID Card Reader

Solution to read passive RFID transponder tags.

2400 baud serial interface.

Compatible with phidgets RFID cards.

Key Features:			RFID Card for Phidgets	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	1	-	RCC 357 Cabinet
Requires Drivers		No	Web Link	

Parallax GPS Module

This breadboard-ready module with a built-in patch antenna and coprocessor tracks up to 12 satellites. It provides standard NMEA0183 strings in "raw" mode for any microcontroller, preformatted data in "smart" mode for easy use with BASIC Stamp applications.

Key Features:			GPS Module	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	Long Term Loan:		Yes	See Instructor
Qty:	Code:	Location:	2	-	RCC 357 Cabinet
Requires Drivers		No	Web Link	

IC ADC 8bit Serial I/O 8-DIP

Analog to Digital converters. Integrated circuit (IC).				
Key Features:			ADC DIP	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	20	-	RCC 357 Cabinet
Requires Drivers		No	Web Link	

KeySpan Adapter

USB to serial port adapter.				
Key Features:			USB to Serial	
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	12	-	Vending Machine
Requires Drivers		No	Web Link	

LED's (Red/White/Yellow Green)

Semiconductor light source. Red, white, yellow and green.				
Key Features:				
Instructor Permission Required:			For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**		Yes	See Instructor
Qty:	**Code:**	**Location:**	>2000	-	RCC 357 Cabinet
Requires Drivers		No	Web Link	

IR LED's for Wii Projects

Develop Whiteboard Applications.

Various IR Led's

VISHAY SEMICONDUCTOR - TSAL6400 - IR EMITTER, 940NM, T-1 3/4, THROUGH HOLE

Sparkfun Infra Red LEDS (950nm)

Key Features:			IR Projects		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	200	ON REQUEST (SEE BARRY)	RCC 357F
Requires Drivers		Yes			

1.5" AAA Adapters for Wii Pen Projects
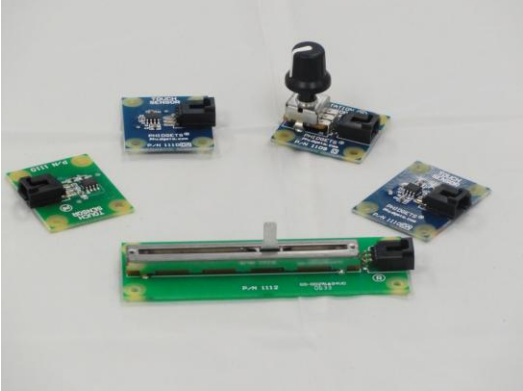
For IR Pen Projects

Note: these items must be returned

Key Features:			IR Projects		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	10	ON REQUEST (SEE BARRY)	RCC 357F
Requires Drivers		Yes			

Mini Alum Elect. (KA)

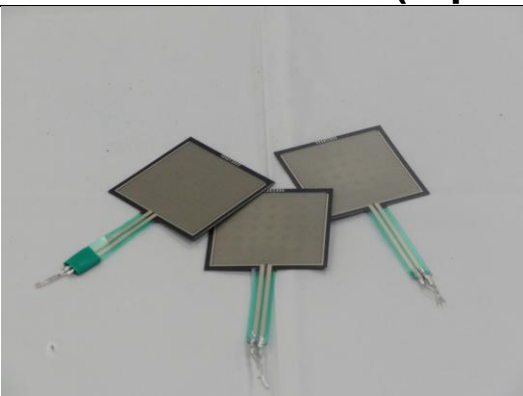|			Capacitors 1uF, 10uF		
Key Features:					
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	200	-	RCC 357 Cabinet
Requires Drivers		No	[Web Link](#)		

Phidgets USB cable

			Phidgets are a set of "plug and play" building blocks for low cost USB sensing and control from your PC.		
Key Features:					
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	2	-	RCC 357 Cabinet
Requires Drivers		No	[Web Link](#)		

Phidgets Sensors

			The 1110 is a capacitive touch sensor and can detect a touch through plastic, glass, or paper. This sensor is designed to be 3.3V compatible and can interface with other products as an alternative. For example, the Java based Sentilla Perk includes side ports that are compatible with 3.3V Phidget sensors without any modifications. Tilt, rotation, touch, slide, etc.		
Key Features:					
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**		Yes		See Instructor
Qty:	**Code:**	**Location:**	7	-	RCC 357 Cabinet

Requires Drivers	No	Web Link

Red Black White Connectors

	Red, Black, White Connectors.	
Key Features:	Red, Black, White Connectors.	
Instructor Permission Required:	For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	12	-	RCC 357 Cabinet
Requires Drivers	No	Web Link	

Xbee

	RF Module.	
Key Features:	RF Module	
Instructor Permission Required:	For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	29	-	RCC 357 Cabinet
Requires Drivers	No	Web Link	

Interlink Sensors (Square/Round/Straight/Proximity)

	Variety of Force Sensing Resistors. Optimized for use in human touch control applications. Useful for exact control applications.	
Key Features:	Square Force Sensing Resistor	
Instructor Permission Required:	For >5 Days (excluding Weekends)	
Short-Term Loan:	**Long Term Loan:**	Yes	See Instructor
Qty:	**Code:**	**Location:**	11	-	RCC 357 Cabinet
Requires Drivers	No	Web Link	

World Tag Transponder for RFID

For use with RFID applications.

Key Features:					
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	10	-	RCC 357 Cabinet
Requires Drivers		No	Web Link		

AC Adaptor

Provide power for computers, amps, etc.

Key Features:					
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		No		See Instructor
Qty:	Code:	Location:	1	-	RCC 357F
Requires Drivers		No	Web Link		

Seed Studio Digital Tilt Sensor

Tilt sensor.

Key Features:			Arduino Tilt Sensor		
Instructor Permission Required:			For >5 Days (excluding Weekends)		
Short-Term Loan:	Long Term Loan:		Yes		See Instructor
Qty:	Code:	Location:	1	-	RCC 357 Cabinet
Requires Drivers		No	Web Link		

Seed Studio Electronic Brick Arduino Shield

	Easy, solid connection with Analog input with VCC/GND Easy communication port with I2C and Uart. Digital IO port - standard servo pin compatible. Analog IO port - 2.54 grid male pin header connections
Key Features:	Arduino
Instructor Permission Required:	For >5 Days (excluding Weekends)
Short-Term Loan: **Long Term Loan:**	Yes	See Instructor
Qty: **Code:** **Location:**	15	-	RCC 357 Cabinet
Requires Drivers	No	Web Link

Seed Studio Wiznet Ethernet

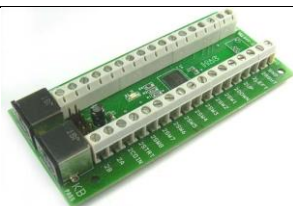|	Arduino with Ethernet Sheild. Based on the Wiznet W5100 ethernet chip Based on the Wiznet W5100 ethernet chip. Added support to Arduino Mega.
Key Features:	Various sizes
Instructor Permission Required:	For >5 Days (excluding Weekends)
Short-Term Loan: **Long Term Loan:**	Yes	See Instructor
Qty: **Code:** **Location:**	10	-	RCC 357 Cabinet
Requires Drivers	No	Web Link

I-PAC 2 Sensors

	The **I-PAC** (Interface for Pc to Arcade Controls) is a board which allows connection of arcade controls such as buttons and joysticks to a keyboard port or USB port on a PC motherboard.
Key Features:	I-Pac 2 Sensors
Instructor Permission Required:	For >5 Days (excluding Weekends)
Short-Term Loan: **Long Term Loan:**	Yes	See Instructor
Qty: **Code:** **Location:**	2		RCC 357 Cabinet
Requires Drivers	No	Web Link

Floor Matt Sensors

Floor mat sensors.			

Key Features:		I-Pac 2 Sensors		
Instructor Permission Required:		For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**	Yes		See Instructor
Qty:	**Code:**	**Location:**	10	See Barry	RCC 357 Cabinet
Requires Drivers	No	[Web Link](#)		

IR Light

.IR Light.

80 Foot Range

Key Features:		IR Light		
Instructor Permission Required:		For >5 Days (excluding Weekends)		
Short-Term Loan:	**Long Term Loan:**	Yes		See Instructor
Qty:1	**Code:**	**Location:**	1	IRLIGHT	RCC 357 Cabinet
Requires Drivers	No			

Electronics Items and Tools
(Please note: Availability Subject to Change)

Soldering Station Tips –ETS
Robertson Screw Drivers
Multi-bit Screwdrivers
Solder Tip Cleaner
Wire Strippers (Ridley / Miller)
Cutters Xcelite 170MBK
Cutters (red)
Needle Nose Pliers
Tip Tinner
Solder Sponges Singles thin
Solder Sponges Singles (SR-240-SPONGE)
Solder
Solder Unleaded
Third/Helping Hand Magnifier
Vacuum Vise
Smoke Absorber Carbon Filters (Packages of 3)
Soldering Tip Cleaner Pros Kit (with Stand)
Antistatic Wrist Straps
Solder Station Weller - WES51
Solder Station Weller WLC100
Solder Station Weller WESD51
Magnetic Solder Pens
Digital Multimeters
Soldering Iron No base or stand
Smoke Absorber - Weller
AA/AAA/9V Batteries
AAA Batteries (singles)
USB Web Cameras
RFID Transponder World TAG
RFID Card Reader - Parallax
Magnifying Lamp
PanaVise Suction Circuit Board Holder
GPS Module - Parallax
Battery Tester
USB Cables
2 Stage Epoxy
Steel Wool
File
Crazy Glue
Vinyl Electric Tape
Safety Glasses
Rubber Gloves pairs
Rubber Glove Packages
De-soldering Wick 2.5mm
Techspray Braid-5F 1.5m
Solder Wick
Breadboards 1660

10K Potentiometer
Magnetic Thread Roll
RFID Readers/Programmers/Tags
Phidget interface kit
Adafruit Ethernet (XPort/WIznet) shield for Arduino kit
SOT23 to DIP Adapter
Breakout - BOB-00716
Phidget GPS Module
Parallax Futaba Con Rot Servo 180
Momentary Push Button Switch - 12mm Square
Thumb Joystick
Conductive Thread (Rolls)
Parallax Futaba Con Rot Servo 180
Lithium Ion/Polymer USB Battery Charger IC - MAX1555
Mini Push Button
RF05 Ultrasonic Range Finder
Diodes
Breakout Board for XBee Module
Droids SAS XPort to XBee Converter
HS 322HD Analog Servo
Crystal for MPU Clock
IC ADC 8bit Serial I/O 8-DIP
Parallax 12 V / 4 Phase Unipolar Stepper Motor
IC ADC 8bit Serial I/O 8-DIP
Parallax PIR Motion Sensor
Green LED
White LED
Yellow LED
IR LED (950nm, 940nm)
Decade Counter
Touch Sensor
Phidget Touch Sensor
Rotation Sensor
Bi-Directional Flexible Bend Sensor FLX-01-L
Phidgets Force Sensor
LilyPad XBee Interface Module
Solarbotics GM9
Light Sensor
Force Sensor
Slider
Nuts and Bolts
Deluxe SRF05 Ultrasonic Ranger
GMPW - GM Series Plastic Wheel (Black)
Maxbotic LV-MaxSonar
Interlink 1.5" FSR
Interlink . 05 Circular FSR
Interlink .2" Circular FSR
Phidgets Vibration Sensor
Parallax RFID Reader
Parallax RFID Reader/Writer Serial
Phidgets Capacitive Touch Sensor

DFRobot Tilt Sensor
Lynxmotion SIRC-01 Sharp GP2 IR Sensor Cable
Parallax 125KHZ RFID (Tags)
Parallax 125KHZ RFID (Tags) - Key Fob
Seeedstudio Electronic Brick Sensor Shield Starter Kit
SB-GVS Sensor Shield
ADC JR75RC
Phidgets USB Accelerometer
Credit Card RFID Tag - Phidget
NE 555 timer
Solderless circuit board
Floor Sensors (Multi Strip)
Proximity Dot Sensor
Round Sensors
Square Sensors
Straight Sensors
Spark Fun Bluetooth Modem
2 red XBee w/ USB cables
XBee Breakout
IR Range Sensor -Sharp
Max Sonar
Phidgets RB-Phi 35 - 350cm
Phidgets RB-Phi 34 - 60cm
Phidgets Vibration Sensor
IC ADC 8bit Serial I/O 8-DIP
Buffered +3g 3D - Dimension
Time IC
Wave Sheild Kit
Eclipse Tool Kits (ECPTK1, ECPTK2)
Oscilloscope Tektronix TDS2002
Power Supply GW Instek
500mA Universal Adapter
Safety Glasses without strap
Safety Glasses with strap
Safety Goggles
Yellow Plastic Gloves Pairs
Dremel Tool (4000 model)
Dremel Accessories Pack (688-04)
Developer Solution (Determine Disposal)
Exposure Kit
Etching Process Kit
Power Bars
Large Vise
Rivet Tool (Mastercraft)
Large Vice-Grip (Irwin)
Duct Tape Roll
Electrical Tape
3AA3 Piece Precision Screwdriver (Aven)
Precision Screwdriver Sets
Precision Screwdrivers
Wrench Set

Small Vise Grid
C Clamps
C Clamp Small
C Clamp medium
5 piece pliers set
Lined Leather Gloves
Clamp Kit
Small Lockjaw Clamps
Spring Clamp Set
Alligator Clips
Scissors
Box of Drill Bits
Caulking Gun
Wire Sponge / Steel Wool (Bag)
Saw
File
Packaging Tape
Stepping motors
Box Cutters
Spare Box Cutter Blades (package)
Hammers
Hex Keys (Imperial and Metric)
Tape Measure
Mastercraft Screwdriver Set
Flashlight
Mastercraft small nose pliers
Printer
9V, AAA and AA Batteries
Floor Sensors (Multi Strip)
Floor Sensors (Single Strip)
Ethernet Cable
Wrist Straps
MPM022 KIT
Potentiometer
Xport Module Lantronix EDSM
Phidgets Starter Kit #1
JPEG Color Camera - UART Interface
Packs of 10k Carbon Film Resistors
Lithium Ion/Polymer USB Battery Charger
SOT23 to DIP Adapter
Arduino XBee Shield Empty
I-PAC 2 Interfaces.
Red Stranded Wire
Black Stranded Wire
White Stranded Wire
Green Stranded Wire
Yellow Stranded Wire
Black Solid Core Wire 1000
Brown SC Wire 1000
Red SC Wire
Yellow SC Wire

Blue SC Wire
Grey SC Wire
Green SC Wire
Purple SC Wire
White SC Wire
Black Wire 801
Wire Yellow 801
Wire Blue 801
Wire White 801
Wire Green 801
220 ohm
470 Ohm resistor
4.7 k resistor
1k resistors
10k resistors
3904 transistor
3906 transistor
103 capacitor
104 capacitor
10uF capacitor
1uF Capacitor
Tip 122 transistor
3.3 Voltage regulator
5.0 Voltage regulator
Servo, Economy Modified
Futaba S3004
Seed Studio Tilt Sensor
GP2D12 IR CABLE 8" - Sharp
Lynx Motion Servo
XBee pro (blue)
Touch Sensors
Tri Access Accelerometer
Servo, Futaba
Solarbotics GVS Arduino Shield
Arduino Diecimilia USB Board (older)
Vinyl Electrical Tape

Super Glue singles
Glue Gun
Glue Sticks
Keyspan Adapters
SB-GVS Sensor Shield
Parallax Futaba Con Rot Servo 180
Parallax Futaba Con Rot Servo 360
Arduino Mega Microcontroller
Arduino UNO
Arduino 9V and 1.5 X 6 X AA Battery Adapters
Arduino USB Micro Controller
SFE XBee Explorer USB
Solarbotics GM9
Solarbotics GMPW GM
Maxbotic LV-MaxSonar

Interlink 1.5" FSR
Interlink Circular FSR
Interlink .2" Circular FSR
Phidgets Vibration Sensor
SFE Dual 1.2A
SFE Breakout Board
Parallax RFID Reader
Parallax 125KHZ RFID (Tags)
USB Mini Cable
Dim Eng Triple Axis
Lynx Motion Servo 0 SEA-02
Lynx Motion Servo 0 SIRC-01
Images Scientific 4 Sensor (flexible stretch sensors)
Seed Studio Tilt Sensors
SeedStudio Wiznet
Conductive thread
Sharp Range Sensor

Mixed Reality Cluster (MRPC) Laptop Applications
(As of September 2013. <u>Subject to change!</u>)
These are available from RCC357 (Safes)

OS/X Partition

OSX Mountain Lion (Install Latest + All Updates)
Mixed Reality Production Cluster Catalog
iTunes
Shared Audio Library for iTunes

ProTools 10 (Full Install - All Libraries)
Mbox Mini (3rd Generation) Drivers

iPhoto
iMovie HD
iDVD
iWeb
GarageBand

Safari
Microsoft Office 2011 (except "Outlook")
Open Office

Sophos for Mac

Adobe Production Bundle CS6
Acobat Acrobat Reader X

JRE Runtime i
Xcode with Full Developer Tools (including Quartz)
Quicktime
Quicktime Broadcaster
Open Office
Adobe Air
Arduino
FTDI Serial Driver (For Older Ardiunos)
Audacity
LAME MP3 Library for Audactiy
Processing 2
Processing 1.5
OpenKinect
OpenNI-Nite
CoolTerm
Eclipse Classic (With ADT Plugin for Android)
Processing Plugin for Kinect
Android SDK
Darwin Remote OSC

Inkscape
Fink
Drawberry
GitHub
Pencil
Fritzing
FlashLiveMedia Encoder
Camtwist
Second Life
Wii Mote Whiteboard
Wii Mote Whiteboard (10.8 Patch)
Open Sankore
Game Salad
Google Sketchup
Google Sketchup STL Exporter (CADspan)
Chrome
Google Earth
VLC
Skype
Scratch
Firefox
Yemu
Blender
Blender STIL Import Plugin
Liquid CD
Handbrake
Nikon View NX2
SoundFlower
Filezilla
Cyberduck
JAVA for Mac
Apple iBook Author
iFunBox (iOS File Access Application)
Minecrraft Application
The Gimp for OSX
Seashore
Elmedia Player
Text Wrangler
Osculator
PD Extended
AirKinect
Frame by Frame (Stop Moition Application)
Qlab
Sweet Home 3D
NetBeans IDE (Java EE) Edition
Drawberry
Xee
Unity
DropBox Application
Flip Player
Join.Me App (Viewer and Desktop Broadcaster)
MPEG Streamclip
Apple iBook Author

MotionFX
MplayerX
Handbrake
Adapter
Sketchbook Express (Copic Edition)
The Unarchiver
FreeCad
Meshlab
OpenScad
VirtualDJHome
Twitter
Max (Audio File Converter/Ripper)
Vienna (News Reader)
Chicken of the VNC
Radi (HTML5 editor)
Pixel Conduit
Personal Brain
Emotiv Developer Edition
Emotiv Control Panel
Celestica
NetBeans (must be run to download JUnit)
KisMac
Frame by Frame (Stop Moition Application)
MindNode Lite
Keyspan Serial Assitant
Elmedia Player
Phidgets
Personal Brain (Lite)
FreeWRL/FreeX3D
Painting with Light
Art Text Lite
Xmind
GearMaker
Pleasant3D
GLC Player
Community Core Vision
ReacTIVision
TUIO_Simulator
reacTIVision TUIO clients (for Processing)
reacTIVision TUIO clients (for Quarz)
reacTIVision TUIO clients (for JAVA)
reacTIVision TUIO clients (for Max)
MIT App Inventor
Mixxx
QRCodeStudio
ReplicatorG (for Makerbot)
Scribus
Bino (3D Projection Application)
Xamarin (With Android and iOS support

Visual Computing Lab (RCC-359B) Applications
(As of September 2013. <u>Subject to change!</u>)

All of the items in the MRC Laptop (identified above)

<u>And</u>

OS/X Partition
Autodesk Maya
Autodesk Mudbox
LanSchool (Client/Server)

Windows Partition

3D Studio Max
LanSchool (Client/Server)
Rhino
Rhino Cam
V-Ray
Microsoft Office 2010

Production Laptop Applications
These laptops are available (from the EDC) to Professional Communications, RTA, Theatre and Image Arts Students
(As of September 2013. Subject to change!)

OS/X Partition

All of the items in the MRC Laptop (identified above)

and

Electronic Theatre Controls
M-Audio UNO drivers
Digico UB-MADI drivers
M-Audio Axiom 61 Drivers
Presonus Universal Control v.1.7
SMPTE Reader v1.02 -113 (OSX)
Korsakow (for OSX)
Final Cut Pro
Motion
Compressor
Motu USB-Firewire Drivers
Digi 001, 002 Drivers
Avid Eleven Rack Drivers
McDSP Plugins for ProTools
Reaper (Demo)