

DIGITAL MEDIA RESOURCES & FACILITIES

EDIT SUITES & WORKSTATIONS

4K EDIT SUITE 1 (Large):

A spacious AV studio with a 4K capable Mac Studio desktop, calibrated 4K BenQ SW-321C monitor, 65" LG 4K Screen, HD video projector, 5.1 surround sound active studio monitor speakers.

Overview: Mac Studio M2 Max with 12-core CPU, 30-core GPU, 16-core Neural Engine

32GB unified memory

1TB SSD storage

Two USB-C ports, one SDXC card slot, four Thunderbolt 4 ports, two USB-A ports, one HDMI port, one 10Gb Ethernet port.

5.1 sound system, JBL series 3 active studio monitor speakers (x 5) and subwoofer (x1)

Focusrite Scarlett 18i20 2nd Gen audio interface

Calibrated BenQ SW-321C colour accurate monitor (3840x2160, Calman Verified, Pantone and Pantone SkinTone Validated colour space)

Large 65" LG 4K second display screen

BenQ HD 16:9 video projector with projector screen

Calibrite Color Checker Display Plus for monitor calibration available

Tangent Ripple 3 wheel control panel for colour grading available

Logic editor keyboard for DaVinci Resolve available

DaVinci Resolve Studio v.18.5 licensed software, Adobe Creative Cloud licensed software, and a variety of open source AV software.

4K EDIT SUITE 2 with acoustic treatment and Recording Vocal Booth (Medium):

A medium sized AV studio with 4K capable Mac/PC dual booted desktop, calibrated 4K LG 27' gaming monitor, and stereo Genelec active studio monitor speakers.

Acoustic treatment and professional Vocal Booth for audio recording and narration, with professional & broadcast quality microphones.

Overview:

Mac (OSX 11.0) /PC (Windows 10) dual booted 3.6Ghz 8-core i9 desktop

65GB Ram DDR4, 1TB and 256GB desktop SSD internal storage

AMD RX 580 with 8GB VRAM graphics (HMDI x1, DP x 4)

USB 3.1, USB 3, USB C, USB 2, and thunderbolt ports

LG 27inch 4k (3840x2160) gaming monitor and second HD display

Calibrite Color Checker Display Plus for monitor calibration available

Tangent Ripple 3 wheel control panel for colour grading available

Logic editor keyboard for DaVinci Resolve available

Stereo sound system with Genelec 8010AP compact active 2way Studio Monitors

Focusrite Scarlett 2i2 audio interface

DaVinci Resolve Studio v.18.5 licensed software, Adobe Creative Cloud licensed software, FCPX licensed software, Logic, Reaper, and a variety of open source AV software.

Acoustic treatment for recording and mixing (absorbing panels, bass traps, floor treatment, sound-proof curtain).

Vocal Booth Clearsonic IsoPac F with the following accessories:

Clearsonic shield and acoustic Sorber surrounding pack systems

The t.bone micscreen and mic stand

And a variety of mics available (see list below)

VR & 3D hardware and software is also available. This software is constantly changing and being updated. Contact for the most recent updates.

Oculus Quest VR headset is available upon request
Wacom tablets available for 3D work

Desktop Workstations X2 (open plan):

Located in the shared open plan Digital Media area are two desktop bays designed for individual users working with video, audio, photography, VR, and 3D applications.

Overview:

PC (Windows 10) 3.6Ghz 8-core i9 desktop
32GB Ram DDR4, 1TB and 256GB desktop SSD internal storage
AMD RX 580 with 8GB VRAM graphics (HMDI x1, DP x 4)
USB 3.1, USB 3, USB C, USB 2, and thunderbolt ports
Focusrite 2i2 sound card with Sennheiser HD Pro studio headphones with mic.
DaVinci Resolve 16 Studio licensed software, Adobe Creative Cloud licensed software, FCPX licensed software, Logic, Reaper, Capture One, and a variety of open sourced AV software.
ASUS 27" 1920x1080 full HD LED monitor

Mac (OS10.13) 8-core, 64GB desktop Ram, with Nvidia Titan X 12GB VRAM graphics card.
2TB and 256 SSD internal desktop storage
USB3 x 4, USB2 x 3, E-Sata x 2, HDMIx1, DP x 4, 800 firewire ports
Focusrite 2i2 sound card with Sennheiser HD Pro studio headphones with mic.
DaVinci Resolve 16 Studio licensed software, Adobe Creative Cloud licensed software, FCPX licensed software, Logic, Reaper, Capture One, and a variety of open sourced AV software.
ASUS 27" 1920x1080 full HD LED monitor

Additional:

Epson Perfection V850 Pro flatbed scanner for high resolution scans from 35mm, medium format, up to 203/254mm film with film guides.

VR & 3D hardware and software are also available. This software is constantly changing and being updated. Contact for the most recent updates and what software you may require for VR & 3D work.

MOVING IMAGE

Four camera systems are available at FSAS. Each camera comes with a variety of accessories and options to tailor to your production. Equipment usage requires a process of training and demonstration before rental.

Black Magic 6K Cinema Camera (BM6KCC) EF mount with the following accessories:

- Samyang Cine Prime EF mount 14mm T3, 35mm T1.5, and 85mm T1.5 lens set
- BM6KCC batteries (x 4) and battery grip
- Smallrig camera cage with top and side handles and quick release plate with 15mm rods
- V-Lok Battery pack with two V-Lok external batteries and dual charging kit
- BM6KCC to V-Lok 12volt charging cables
- Samsung T5 500GB x 2 SSD with Smallrig housing
- Magic arm and cold shoe mount accessories
- Camera travel security trolley bag
- Camrade rain cover with sleeves, lens extension, and storage pouch
- Atmos Ninja V monitor with accessories (see below)

Canon 5D Mark III with the following accessories:

- Sigma 70-200mm F2.8 DG OS HSM Sport EF mount

- Canon 17mm-40mm wide angle 4F L series lens
- Canon batteries x 4 with charger
- 128 SD card, 64GB CF card
- SD and CF card reader
- Camera travel backpack
- ThinkTank emergency rain cover (medium)

Fuji XT4 mirrorless photo and video camera with the following accessories:

- Fuji XF 23mm F2 R WR lens
- Fuji XF16-55MM F2.8 WR Zoom lens
- Batteries (x3) and charging station.
- Camera travel backpack

Insta 360 One R pro action camera with 360 or 4K wide angle lenses head mount, stick, flexible mount, and waterproof/diving accessories

Video Monitoring/Recording:

Atmos Ninja V with Angel-bird Atom X 500GB SSD and accessories
Cleanfeed monitor (mini HDMI)

Tripod & Grip:

- Manfrotto MVK502AM-1 video fluid head tripod
- Libec ALLEX 8 video fluid head tripod
- Libec ALLEX S8 Slider 28' slider range
- Libec DL-2RB Dolly
- Manfrotto MK290LTA3-V video fluid head light tripod
- Zhiyun Crane 3s Gimbal
- DSLR Camera Rig with shoulder stabilizer

Lighting:

- NEEWER CB200B 210W LED Bi-colour Video Lights (x3) with diffusers
- Aputure HR672 CC3 travel light kit (x3)
- Portable Reflector (5 in 1)

Studio accessories:

- Large green screen backdrop
- Calibrite Passport Video colour target
- Calibrite Color Checker Display Plus for monitor/projector calibration
- Clapperboard
- Gorilla Sand Bags

SOUND

Audio Recording / Monitoring:

- Zoom H6 with Midside, XY, and Shotgun mics
- Zoom H3-VR mic
- Focusrite Scarlett 2i2 3rd Gen audio interface
- Adobe Audition and a selection of free audio software (Reaper, Audacity, etc)

Microphones:

- Sennheiser MKH 416 shot gun microphone
- Rycote windshield kit for the MKH 416
- Rode NTG2 shot gun microphone
- Rode windshield kit for the NTG2
- Shure SM7B dynamic cardioid mic with Triton Fethead
- Rode NT1 condenser vocal mic with shock-mount, windshield and pop filter
- Rode 2 Go wireless lapel mic kit
- t.bone freeU Twin 2-channel wireless mic kit
- t.bone HeadmiKe x 2 with windscreens mic headset kit

Audio interface/ monitoring:

- Focusrite Scarlett 2i2 3rd Gen audio interface (x 3)
- Focusrite Scarlett 18i20 2nd Gen audio interface (x1)
- JBL 305P MKII surround sound active studio monitors (x5)
- JBL LSR 310 S active studio subwoofer (x1)
- Genelec 8010AP compact active studio monitors (x2)
- PreSonus Eris e5 active monitors (x2)

Audio accessories:

- Sennheiser HD-200 Pro headphones
- Wide range of XLR and ¼ jack cabling and adapters
- Windshields and filters
- Soft grip, Rycote suspension mount, and Roadworx Universal Ball Joint (x2)
- Boompole, mic stands and supports

3D

Operating this hardware and software requires experience, you are required to schedule in advance and hire a technician. Contact FSAS to enquire about this facility and costs relating to technical support.

3D Scanning & 3D Printing, Virtual Reality :

- Einscan H handheld 3D scanner and licensed software
- 3D Anycubic C PLA printer (max 40cm)
- Small green screen backdrop and studio green screen with 3 point lighting
- 3D printing software (Cura, Meshlab, etc)
- 3D modelling and slicing software (Blender, ZBrush, Sketch Up)
- Wacom tablets for 3D modelling work available
- Oculus Rift VR headset, controllers and 3 sensors
- Oculus Quest 3 VR headset
- Insta One R pro 4K camera with accessories
- Zoom H3-VR sound recorder

LIVE BROADCASTING

Ideal for conducting podcasts, live streaming of events, talks, conferences, etc. Operating this hardware and software requires experience, you are required to schedule in advance and hire a technician. Contact FSAS to enquire about this facility and costs relating to technical support.

- Black Magic Design ATEM Mini Pro
- HD & 4K cameras available upon request
- Pro broadcast audio microphones
- Lighting