CTE Frameworks - Multimedia Broadcast and Production Equipment List

July 2024



## Equipment List:

### Cameras and Accessories

* Professional Video Cameras

### ****Broadcast Cameras****

* DSLR/Mirrorless Cameras
* Fluid Head Tripods and Monopods
* Tripod Dolly
* Camera Stabilizers/Gimbals
* Camera Lenses (wide-angle, telephoto, macro)
* Camera Batteries and Chargers

### Control Room Equipment

* Video Switchers
* Audio Mixers
* Integrated Audio Production Studio Console
* Monitors and Multiviewers
* Playback Servers
* Routing Switchers
* Intercom Systems
* Professional Monitor Headphones
* Live Streaming Encoder

### Audio Equipment

* Condenser Microphones
* Shotgun Microphones
* Lavalier Microphones
* Lavalier Lapel Microphones
* Handheld Microphones
* Audio Mixers
* Boom Poles
* Windscreens and Pop Filters
* Headphones

### Studio Equipment

* Green Screen/Backdrop Kits
* Teleprompters
* Set Design Props and Furniture
* Acoustic Treatment (soundproofing materials for the studio)

### Lighting Equipment

* Tungsten or LED Continuous Lighting, LED Light Panels
* Frensel Lights
* Light Modifiers, e.g., Softbox lights, Umbrellas, Scrims, etc.
* Key, Fill, and Background lighting
* Ring Lights
* Light Stands

### ****Lighting Control Systems**** (dimmers, DMX controllers)

* Reflectors and Diffusers
* Gels and Filters

### Editing and Post-Production

* High-Performance Computers
* Video Editing Software
* Audio Editing Software
* Graphics and Animation Software
* External Hard Drives
* Monitor Calibration Tools
* Live Broadcasting Equipment
* Video Switchers (e.g., HDMI Switchers, All Production Swithers, Streaming Media Switchers)
* Streaming Encoders
* Capture Cards
* Live Streaming Software

### Communication and Coordination

* Intercom Systems
* Walkie-Talkies
* Production Management Software
* Required – Stable, High-speed Internet Connection

### 360 Media and VR Equipment

* 360 Cameras (e.g., Insta360 ONE X2, GoPro MAX)
* VR Headsets (e.g., Oculus Quest 2)
* VR Ready Computers
* 360 Editing Software (e.g., Adobe Premiere Pro with VR plugins)

### Miscellaneous

* Memory Cards (SD, CF, etc.)
* Card Readers
* Cables and Adapters (HDMI, XLR, USB, TRS, etc.)
* Battery Packs and Power Banks
* **Backup Power Supplies** (UPS)
* Protective Cases and Bags