ITV Equipment List & Specification
SENIOR HIGH SCHOOL

Production Studio:

1. **SONY HXCD70 Triax Camera System -** Product substitution not allowed:
    - Three (3) - **HXCD70K** Camera with 16X Zoom Lens;
    - Three (3) - **VCT14** Tripod Adaptor;
    - Three (3) - **CATX70** Triax Adaptor;
    - Three (3) - **DXFC50WA** 5" Color Viewfinder;
    - Three (3) - **HXCU-TX70** CCU Camera Control Unit;
    - Three (3) - **RCP1500** Remote Control Panel;
    - Three (3) - **CCA5/10US** Cable from RCP to CCU; and
    - Three (3) - **MS01/X1 FUJINON** Lens Remote Control.
2. Three (3) **LIBEC RSP-850PD (S):** Pedestal system with 850 Head. Product substitution not allowed.
3. Two (2) **JBL CONTROL1 PRO:** 2-way Compact Loudspeaker System (Black) with mounting bracket, or accepted equivalent as approved by M-DCPS and WLRN.
4. One (1) **ESE 996U:** 2.3" Serial Slave (Red) Clock Display. Product substitution not allowed.
5. **Monitor and Stand:**
    - One (1) **SAMSUNG UN40J6200AFXZA:** 40" LED 1920X1080 TV monitor and HD-SDI to HDMI Converter or accepted equivalent as approved by M-DCPS and WLRN.
    - One (1) **KANTO MTM65PLUS:** Mobile TV stand, or accepted equivalent as approved by M-DCPS and WLRN.
6. Three (3) **TELEX PH1R5:** Single-side headset with A5M/XLR connector. Product substitution not allowed.
7. One (1) **TELEX PH1:** Single-side headset with A4M/XLR connector. Product substitution not allowed.
8. Three (3) **TELEX IFB-1000:** One (1) Channel IFB Portable Belt Pack. Product substitution not allowed.
9. One (1) **TELEX BP-1002:** One (1) Channel Belt Pack. Product substitution not allowed.
10. Three (3) **TELEX CES-1:** Complete ear set (RTV-04, CMT-02, ET-4). Product substitution not allowed.
11. Three (3) **ELECTROVOICE 635A/B:** Dynamic microphone (Black) with desktop stand, or accepted equivalent as approved by M-DCPS and WLRN.
12. Three (3) **SENNHEISER SK 100 G3, ME2:** Body pack transmitter with ME-2 microphone. Product substitution not allowed.
13. **AUTOCUE Teleprompter System (Part 1):**

- Three (3) **AUTOCUE PSP17:** Professional Teleprompter series, 17" with medium wide-angle hood and Pro Plate. Product substitution not allowed.
- Three (3) **AUTOCUE Universal Counter Balance Weight** for Pro Plate. Product substitution not allowed.

Control Room:

14. One (1) **MARCO VC4424-06:** Video Console 6 Bay, 24" Counter Depth, 8 RU 14" Rack Space, with rounded counter corners with Monitor Bridge, Wilsonart 4820-60 / Carbon EV / Oak Trim finish, or accepted equivalent as approved by M-DCPS and WLRN, to include:
    - One (1) **EC:** Equipment Cutout;
    - One (1) **CR1419:** Sloped Counter Rack Space 8 RU, 14" (RCPs) 3ea. Sony RCP1500 (bay 1);
    - Six (6) **RR36:** Rear Rack Rail 36-¾", 21 RU;
    - Six (6) **RR21:** Lower Front Rack Rail 21", 12 RU;
    - Two (2) **RP1938E:** Extended Rear Cover Panel;
    - Four (4) **RP1938:** Vented Rear Cover Panel;
    - One (1) **OB1919-06:** Overbridge 6 Bay, 19-¼" 11 RU;
    - Two (2) **RP1919C:** Extended Rear Cover Enclosures (Overbridge); and
    - Four (4) **RP1919:** Vented Rear Cover Panel (Overbridge).
15. **Solid-State Video recorder:**
    - Two (2) **VIDEO DEVICES PIX250i KIT:** Kit includes Pix 250i video recorder and XM CADDY PACK. Product substitution not allowed.
16. Two (2) **VIDEO DEVICES PIX-RACK:** Rack-mount kit for video recorder. Product substitution not allowed.
17. One (1) **JVC SR-HD2700US:** Blu-ray disc HDD recorder, with rack-mounts. Product substitution not allowed.
18. One (1) **FOR.A HVS-390HS – E TYPE HD/SD 2M/E SWITCHER:** With **HVS-392OU** 20 button panel, One (1) HD/SD SDI inputs, and Eight (8) HD/SD-SDI. Product substitution not allowed.
19. One (1) **COMPIX COMPACTCG HD:** Single channel HD-SDI/ SD-SDI Broadcast Graphics System. Product substitution not allowed.
20. Two (2) **ACER B246WL:** LED 24" Monitor, or accepted equivalent as approved by M-DCPS and WLRN.
21. **AUTOCUE Teleprompter System (Part 2):**
    - One (1) **AUTOCUE QPro Software:** with ShuttleXpress and hand control. Product substitution not allowed.
    - One (1) **ACER AXC-705-UR53:** Aspire XC Desktop PC (Intel Core i3, 4 GB RAM, 1 TB HDD, Intel HD Graphics 4400, Windows 10) to run software with VGA out to composite converter (scan convert signal), to be able to

run Teleprompter through Triax system, or accepted equivalent as approved by M-DCPS and WLRN.

22. **Monitor and Stand:**
    - One (1) **SAMSUNG UN40J6200AFXZA:** 40" LED TV/Monitor 1920X1080 and HD-SDI to HDMI converter, or accepted equivalent as approved by M-DCPS and WLRN.
    - One (1) **KANTO MTM65PLUS:** Mobile TV stand, or accepted equivalent as approved by M-DCPS and WLRN.
23. One (1) **SONY PVMA170:** 17" Professional OLED monitor with Sony Mounting Bracket MB-P17. Product substitution not allowed.
24. One (1) **MATRIX MSC-HD121L:** 12X1 HD-SDI/SDI Video router, or accepted equivalent as approved by M-DCPS and WLRN.
25. One (1) **AJA GEN10:** HD/SD SYNC generator with universal power supply, or accepted equivalent as approved by M-DCPS and WLRN.
26. One (1) **MACKIE PROFX22v2:** Twenty-two (22) Channel Professional mixer with USB port. Product substitution not allowed.
27. Two (2) **JBL CONTROL1 PRO:** 2-way Compact Loudspeaker System (Black) with Mounting Bracket, or accepted equivalent as approved by M-DCPS and WLRN.
28. Two (2) **JBL CSA-2120:** Two (2) Channel Audio Power Amplifier, rack-mount, or accepted equivalent as approved by M-DCPS and WLRN.
29. One (1) **ESE ES-562U:** Combo Master Clock (Black) with options: **ESE, N, and P**. Product substitution not allowed.
30. One (1) **TELEX MS-2002:** Main Station with power supply and speaker. Product substitution not allowed.
31. One (1) **TELEX MCP-90-12:** 12" Gooseneck Microphone assembly. Product substitution not allowed.
32. One (1) **LEADER LV7330:** Multi-Function waveform/vector scope SDI rasterizer, or accepted equivalent as approved by M-DCPS and WLRN.
33. One (1) **LEADER LR-2481U:** Rack-mount kit, or accepted equivalent as approved by M-DCPS and WLRN.
34. One (1) **APPLE MAC PRO:** Computer, 3.7GHz quad-core with 10MB of L3 cache, 12GB (3x4GB) of 1866MHz DDR3 ECC 256GB PC-based flash storage, dual AMD Fire Pro D500 GPUs with 3GB of GDDR5 VRAM. Includes Apple Display, AJA IO4K, Promise 8TB Thunderbolt drive, keyboard, mouse, speakers & CPU rack mount. Product substitution not allowed.
35. One (1) **MICROBOARDS QD-BD-H4:** QD Blu-ray 4 Bay Tower Duplicator, or accepted equivalent as approved by M-DCPS and WLRN.

Distribution Room:

36. **INFO-CHANNEL:**
    - One (1) **CAROUSEL 330 TIGHTROPE MEDIA SYSTEM**, Carousel 330 hardware with **HD-SDI** output option. Product substitution not allowed.

- One (1) **CAROUSEL CAR-DSS-WIN7** software. Product substitution not allowed.
- One (1) **CAROUSEL CAR-LIC-PLAYER**. Product substitution not allowed.
- One (1) **CRYSTAL IMAGE TECHNOLOGIES RM-F117:** 1 RU 17" 1920X1080 wide screen rack-mount monitor/keyboard and mouse, or accepted equivalent as approved by M-DCPS and WLRN.

37. Two (2) **JVC SR-HD2700US:** Blu-Ray discs and HDD recorder, with rack-mounts. Product substitution not allowed.
38. **Solid-State Video recorder:**
    - One (1) **VIDEO DEVICES PIX250i KIT:** Kit includes Pix 250i video recorder and XM CADDY PACK. Product substitution not allowed.
39. On (1) **VIDEO DEVICES PIX-RACK:** Rack-mount kit for video recorder. Product substitution not allowed.
40. Three (3) **BLACKMAGIC HDL-SMTVDUO** SmartView dual pack color monitors, 2K, or accepted equivalent as approved by M-DCPS and WLRN.
41. One (1) **SAMSUNG UN24H4000AFXZA:** 24" Class LED HDTV, or accepted equivalent as approved by M-DCPS and WLRN.
42. One (1) **CONTEMPORARY RESEARCH 232-ATSC-4** HDTV tuner/demodulator. Includes HD2-RC remote and power supply. Product substitution not allowed.
43. One (1) **AJA KUMO 1616:** Compact SDI router with power supply, or accepted equivalent as approved by M-DCPS and WLRN.
44. One (1) **AJA KUMO CP:** 1 RU Hardware control panel for Kumo router, or accepted equivalent as approved by M-DCPS and WLRN.
45. One (1) **DRAKE EH244-1002568:** QUAD QAM Encoder host. Product substitution not allowed.
46. Four (4) **DRAKE SDI24A-1002516A:** HD-SDI Encoder module. Product substitution not allowed.
47. Three (3) **DRAKE 806DM-1003615:** Dracom Video demodulator. Product substitution not allowed.
48. Two (2) **DRAKE SDE24A-1002514A:** Standard definition dual encoder module Product substitution not allowed.
49. One (1) **DRAKE DSE-2-PLUS-1002583:** Digital Signage 2X Encoder. Product substitution not allowed.
50. One (1) **MARSHALL AR-AM1:** Analog audio monitor, Stereo/Balance with XLR IN/XLR OUT, or accepted equivalent as approved by M-DCPS and WLRN.
51. One (1) **MARSHALL V-R44P:** Quad (four pack) Analog video monitor, rack-mount, or accepted equivalent as approved by M-DCPS and WLRN.

Editing Room 1 and 2:

52. Two (2) **APPLE IMAC21.5:** 21.5" (diagonal) LED-backlit display, 2.8 GHz quad-core Intel Core i5 processor Turbo Boost up to 3.3GHz, 1TB 5400-rpm hard drive,

Magic Keyboard and Magic Mouse, one editing system for each room. Product substitution not allowed.

53. Two (2) **ANTHRO H24BK:** 60-inch wide Cart with four (4) 2-3/8" Casters (front two locking), hold up to 150 lbs., Black work surface, with Black metal color finish, one for each room or accepted equivalent as approved by M-DCPS and WLRN.

Prop Storage Room:

54. Three (3) **LIBEC LX10 STUDIO:** LX head, dual panhandle RT50B Tripod with **DL-3B** Dolly capacity 35 lbs., or accepted equivalent as approved by M-DCPS and WLRN.
55. Three (3) **SONY HXRMC2500:** Shoulder-mount AVCHD camcorder. Product substitution not allowed.
56. Three (3) **LIBEC ALX KIT:** ALX Kit with LXH Head /ALX Tripod, Mid-level spreader, RC20 Case. Product substitution not allowed.
57. Six (6) **SANDISK SDSDXN-032G-G46:** 32GB Extreme UHS-1 U3 SDHC Memory Card (Class10). Product substitution not allowed.
58. Three (3) **SONY NPF970/B:** infoLithium L Series Rechargeable battery (2) pack, 7.2V 6300 mAh. Product substitution not allowed.
59. Three (3) **SONY ECM44B:** Electret Condenser Lavalier Microphone. Product substitution not allowed.
60. Three (3) **Arco CS-D40B:** Video DR. Bag-40, camera case, or accepted equivalent as approved by M-DCPS and WLRN.
61. Two (2) **VERBATIM BD-R:** 25GB 6X with Branded Surface, 50 Disc Spindle 98397, or accepted equivalent as approved by M-DCPS and WLRN.