TV Production - Unit 3 - Live Studio Production

Madison Public Schools

Unit Focus

Students will learn and practice the equipment and roles necessary to run a digital studio and control room. Students will participate in an exploratory round robin in a studio environment to write, direct, and produce a simulated talk show. The unit PBA will be an interview talk show featuring a person of prominence in the school community which will be shared to the public for an authentic audience.

Stage 1: Desired Results - Key Understandings

Standard(s)	Transfer
Connecticut Goals and Standards *Technology Education (CTE)* • Describe the various video production processes, when integrated together to create a successful message. *TE.DV.A.1* • Describe the differences between a studio production and a field production. *TE.DV.A.2* • Describe the equipment and personnel necessary for producing a studio production. *TE.DV.D.16* • Describe white balance, iris, aperture, auto and manual focus, audio settings, and levels in camera operations. *TE.DV.E.18* • Describe dolly, truck, pan, and tilt as it relates to camera movements. *TE.DV.E.19* • Describe the following methods of stabilization: tripod, monopod, slider, steady cam, fluid head, friction head, and dolly. *TE.DV.E.20* • Describe the rule of thirds, head room, lead room/talk space, establishing shot, extreme close up, close up, medium, medium wide, wide, extreme wide, and depth of field as it relates to camera composition/framing. *TE.DV.E.21* • Create graphics and titles appropriate to the project. *TE.DV.F.22* • Edit and finalize images and video for rough cut, transitions, color correction, keying, and pacing with nonlinear software. *TE.DV.F.25* • Describe the following digital literacy terminology:	**T1** Demonstrate professionalism through exhibiting attentiveness, growing from feedback, and adhering to industry standards (safety). **T2** Work together on a common goal to meet deadlines through addressing challenges and problems along the way both individually and collectively.

Meaning

Understanding(s)	Essential Question(s)
U1 The quality of the result is significantly influenced by the team's clarity of roles, communicating appropriately, and workmanship. **U2** A television show's crew is comprised of many interrelated positions in both the control room and studio floor. **U3** A director must successfully interact with all technical positions during a production to ensure a high quality outcome.	**Q1** How do I effectively capture a moment in a "live" studio setting? **Q2** What technical functions and production positions in the studio and control room are essential to production? **Q3** How does a director effectively coordinate multiple areas of a production together to ensure a quality broadcast?

Acquisition of Knowledge and Skill

Knowledge	Skill(s)
K1 Digital Studio and Control Room Roles and Operation Chain of Command and Equipment Tutorial • Director, • Assistant Director, • Floor Director	**S1** Write a script for a "live" studio production **S2** Execute a script through assuming the role of a director **S3** Execute assigned role to collectively produce webcast show/talk show

aspect ratios, screen resolution, frame rate, file formats, codec, compression, bit rate, and display properties. *TE.DV.G.27*

ITEEA - Standards for Technological Literacy
Technological Literacy: K-12
- Students will develop an understanding of the relationships among technologies and the connections between technology and other fields of study. *3*
- Students will develop the abilities to use and maintain technological products and systems. *12*
- Students will develop an understanding of and be able to select and use information and communication technologies. *17*

Student Growth and Development 21st Century Capacities Matrix
Collaboration/Communication
- Collective Intelligence: Students will be able to work respectfully and responsibly with others, exchanging and evaluating ideas to achieve a common objective. *MM.3.1*

- Switcher,
- Audio Technician,
- Graphics
- Cameras Operators
- Teleprompter Operator
- Character Generator
- Lighting

K2 Studio T-Script Script Writing