TV Production Unit 3: Live Studio Production

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: 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 be able to independently use their learning to...* **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)
Students will understand that... **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.	*Students will keep considering...* **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)
Students will know... **K1** Digital Studio and Control Room Roles and Operation	*Students will be skilled at...* **S1** Write a script for a "live" studio production

Stage 1: Desired Results - Key Understandings

- 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*

Madison Public Schools Profile of a Graduate
- Collective Intelligence: Working respectfully and responsibly with others, exchanging and evaluating ideas to achieve a common objective. (POG.3.1)

Chain of Command and Equipment Tutorial
- Director,
- Assistant Director,
- Floor Director
- Switcher,
- Audio Technician,
- Graphics
- Cameras Operators
- Teleprompter Operator
- Character Generator
- Lighting

K2 Studio T-Script Script Writing

S2 Execute a script through assuming the role of a director

S3 Execute assigned role to collectively produce webcast show/talk show