

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		
<p>Connecticut Goals and Standards <i>Technology Education (CTE)</i></p> <ul style="list-style-type: none"> Describe the various video production processes, when integrated together to create a successful message. <i>TE.DV.A.1</i> Describe the differences between a studio production and a field production. <i>TE.DV.A.2</i> Describe the equipment and personnel necessary for producing a studio production. <i>TE.DV.D.16</i> Describe white balance, iris, aperture, auto and manual focus, audio settings, and levels in camera operations. <i>TE.DV.E.18</i> Describe dolly, truck, pan, and tilt as it relates to camera movements. <i>TE.DV.E.19</i> Describe the following methods of stabilization: tripod, monopod, slider, steady cam, fluid head, friction head, and dolly. <i>TE.DV.E.20</i> 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. <i>TE.DV.E.21</i> Create graphics and titles appropriate to the project. <i>TE.DV.F.22</i> Edit and finalize images and video for rough cut, transitions, color correction, keying, and pacing with nonlinear software. <i>TE.DV.F.25</i> Describe the following digital literacy terminology: 	<p>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.</p>		
	Meaning		
	Understanding(s)	Essential Question(s)	
	<p>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.</p>	<p>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?</p>	
	Acquisition of Knowledge and Skill		
	Knowledge	Skill(s)	
<p>K1 Digital Studio and Control Room Roles and Operation Chain of Command and Equipment Tutorial</p> <ul style="list-style-type: none"> Director, Assistant Director, Floor Director 	<p>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</p>		

Stage 1: Desired Results - Key Understandings

<p>aspect ratios, screen resolution, frame rate, file formats, codec, compression, bit rate, and display properties. <i>TE.DV.G.27</i></p> <p>ITEEA - Standards for Technological Literacy <i>Technological Literacy: K-12</i></p> <ul style="list-style-type: none"> • Students will develop an understanding of the relationships among technologies and the connections between technology and other fields of study. <i>3</i> • Students will develop the abilities to use and maintain technological products and systems. <i>12</i> • Students will develop an understanding of and be able to select and use information and communication technologies. <i>17</i> <p>Student Growth and Development 21st Century Capacities Matrix <i>Collaboration/Communication</i></p> <ul style="list-style-type: none"> • Collective Intelligence: Students will be able to work respectfully and responsibly with others, exchanging and evaluating ideas to achieve a common objective. <i>MM.3.1</i> 	<ul style="list-style-type: none"> • Switcher, • Audio Technician, • Graphics • Cameras Operators • Teleprompter Operator • Character Generator • Lighting <p>K2 Studio T-Script Script Writing</p>	
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