



Introduction to T.V. Production Unit 1: Video Camera and Stabilization Basics

Unit Focus

Students will be introduced to the world of moving pictures and the difference between capturing film and video. They will learn the importance of, and practice, proper camera and tripod setup, shot types and moves, white balance, exposure, and stabilization. Students will learn "how to properly capture a moment" which will act as the foundation for all future video endeavors. A PBA will have students create a reality TV Show introduction.

Stage 1: Desired Results - Key Understandings

Standard(s)	Transfer	
Connecticut Goals and Standards <i>Communications: 12</i> - Identify types and placement and use of lighting fixtures for various lighting effects. <i>AVC.03.10</i> - Demonstrate lighting techniques used for remote and studio productions. <i>AVC.03.11</i> - Demonstrate operation of communication technology equipment. <i>AVC.03.12</i> <i>Technology Education (CTE)</i> - Describe, plan the use of, and apply 3-point lighting, source light, white balance, scrims, and reflectors using the appropriate techniques. <i>TE.DV.D.14</i> - Describe white balance, iris, aperture, auto and manual focus, audio settings, and levels in camera operations. <i>TE.DV.E.18</i> - Describe and apply import, file, and asset management. <i>TE.DV.F.24</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> - Edit audio for voice over, sound levels, music, and sound effects with application software. <i>TE.DV.F.26</i> ITEEA - Standards for Technological Literacy <i>Technological Literacy: K-12</i> - 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 - Idea Generation: Studying a problem, need or model (mentor text, political piece, documents, art work, etc.) to consider limitations and imagine new solutions/transformations. (POG.2.1) - Product Creation: Effectively use a medium to communicate important information. (POG.3.2)	<i>Students will be able to independently use their learning to...</i> T1 Explore and hone techniques, skills, methods, and processes to create and innovate their own video productions.	
	Meaning	
	Understanding(s)	Essential Question(s)
	<i>Students will understand that...</i> U1 Successful video production requires a thorough attention to the complex details of capturing a moment: color, exposure, focus adjustments as well as camera stabilization.	<i>Students will keep considering...</i> Q1 How do I effectively capture a moment?
	Acquisition of Knowledge and Skill	
	Knowledge	Skill(s)
	<i>Students will know...</i> K1 <u>Camera Settings:</u> White Balance/Kelvin Scale Additive Color System Manual Focus Manual Exposure K2 <u>Shot Types:</u> Long, Medium, Close Shots, Dutch Angle Selective Focus Shot Moves Pan, Tilt, Truck, Dolly, Pedestal, Boom Zoom K3 <u>Basic Camera Stabilization:</u> Tripod Operation Shoulder Mounts	<i>Students will be skilled at...</i> S1 Capture properly colored, focused, stabilized and framed video shots. S2 Manipulate the camera to create smooth pans, tilts, dollies, trucks and pedestals. S3 Evaluate the quality of video-graphic choices in a range of professional examples.