Florida CTE

Digital Cinema Production 2

Demonstrate knowledge of production management. The student will be able to: 08.0	1 **Demonstrate ability to breakdown a script into production elements (cast, props).** 08.01
	2 **Understand the job of a production manager.** 08.02
	3 **Create a production schedule.** 08.03
	4 **Create a sample budget for a production.** 08.04
	5 **Demonstrate ability to write a casting call.** 08.05
	6 **Understand the casting process.** 08.06
	7 **Scout a location and perform a site survey.** 08.07
	8 **Understand the process of acquiring a permit for shooting on location.** 08.08
	9 **Understand the role trade unions play in the budgeting process.** 08.09
Demonstrate knowledge of storyboarding. The student will be able to: 09.0	1 **Describe visual storytelling and how storyboards are used during production.** 09.01
	2 **Apply camera framing and camera movement to a storyboard.** 09.02
	3 **Understand the importance of a shot list.** 09.03
	4 **Create a storyboard using industry techniques.** 09.04
	5 **Identify the potential markets, brand partners, and target audiences for a motion picture project** 09.05
	6 **Effectively communicate a message or pitch.** 09.06
Demonstrate understanding of production set protocol. The student will be able to: 10.0	1 **Select proper lighting gear for the needs of a production.** 10.01
	2 **Demonstrate ability to set up lights.** 10.02
	3 **Demonstrate ability to use common hand and radio signals.** 10.03
	Demonstrate proper use of cables (wrapping, layout, securing) and cable labeling methods. 10.04

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	5 Follow proper lighting safety protocols. 10.05
	6 Supervise hanging, circuiting, and focusing lights for production. 10.06
Demonstrate basic audio production. The student will be able to: 11.0	1 Demonstrate how to set up a recording environment. 11.01
	2 Utilize digital audio recording hardware. 11.02
	3 Demonstrate understanding of the proper use of microphones. 11.03
	4 Demonstrate knowledge of audio codecs and media. 11.04
	5 Demonstrate the ability to record location sounds. 11.05
	6 Understand basic audio terminology (frequency, pitch, amplitude, signal to noise ratio, sampling rate, reverberation). 11.06
	7 Properly set up and utilize audio equipment (e.g., microphones, boom poles, speakers, mixers). 11.07
	8 Explain basic acoustics. 11.08
	9 Evaluate audio recording needs of a specific production. 11.09
	10 Determine appropriate audio recording needs for specific locations. 11.10
	11 Configure and operate sound recording and playback systems to meet performance needs. 11.11
	12 Properly set up microphones for a specific scene. 11.12
	13 Understand the history of audio recording in motion pictures. 11.13
Demonstrate understanding of lighting principles. The student will be able to: 12.0	1 Identify the job descriptions of the lighting crew. 12.01
	2 Identify relevant lighting cues from scripts and/or storyboards. 12.02
	3 Create a lighting plan. 12.03
	4 Demonstrate an understanding of exposure through the manipulation of F-Stops, ISO, and shutter speed. 12.04
	5 Demonstrate understanding of contrast ratio. 12.05
	6 Demonstrate knowledge of color temperature. 12.06
	7 Demonstrate use of a light meter. 12.07
	Inderstand the Inverse Square Law. 12.08

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	9 **Determine lighting equipment needs for a planned production.** 12.09
	10 **Demonstrate the proper use of color charts/white balance cards during production.** 12.10
Demonstrate understanding of lighting fixtures. The student will be able to: 13.0	1 **Understand the difference between Fresnel and open-faced lights.** 13.01
	2 **Demonstrate understanding of various lighting gear (e.g., LED, fluorescents, HMI and tungsten).** 13.02
	3 **Demonstrate an understanding of ambient and practical lighting.** 13.03