Utah CTE

Video Production 1 (2025)

Students will be able to understand and demonstrate the process of pre-production. 1

1. **Demonstrate understanding of basic storytelling principles, including:** 1.1
    1. Beginning, Middle, & End 1.1.1
2. **Create a storyboard.** 1.2
3. **Organize and plan a production, including:** 1.3
    1. Shot list 1.3.1
    2. Shoot schedule 1.3.2
    3. Crew and cast responsibilities. 1.3.3

Students will be able to understand and demonstrate the correct operation of the camera. 2

1. **Identify the basic functions of the main parts of a camera, including:** 2.1
    1. Sensor 2.1.1
    2. Lens 2.1.2
    3. Body 2.1.3
    4. Electronic Viewfinder or LCD (Liquid Crystal Display) Screen 2.1.4
2. **Demonstrate understanding of basic camera operations, including:** 2.2
    1. Focus 2.2.1
    2. White balance, both indoors and outdoors 2.2.2
    3. Basic exposure involving the iris/aperture and shutter speed 2.2.3
    4. Recording settings 2.2.4
        1. Current camera resolutions (1080 HD, 4K, etc.) 2.2.4.1
        2. Frame rates and their uses. (24, 30, 60, 120, etc.) 2.2.4.2
3. **Demonstrate understanding of basic camera supports, including:** 2.3
    1. Tripod 2.3.1
    2. Monopod 2.3.2
4. **Identify and demonstrate effective shot composition (framing).** 2.4
    1. Rule of thirds 2.4.1
5. **dentify and demonstrate effective use of various shot selections, including:** 2.5
    Wide (WS) 2.5.1

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2 Medium (MS) 2.5.2

3 Close-up (CU) 2.5.3

4 Extreme close-up (ECU) 2.5.4

6 Identify and demonstrate effective use of various camera movements, including: 2.6

1 Pan/Tilt 2.6.1

2 Dolly 2.6.2

3 Zoom 2.6.3

7 Identify and demonstrate effective use of various camera angles, including: 2.7

1 High angle 2.7.1

2 Eye level 2.7.2

3 Low angle 2.7.3

Students will be able to understand and demonstrate procedures for recording and editing audio. 3

1 Identify various types of microphones and demonstrate appropriate use of each. 3.1

1 Microphone types 3.1.1

1 Lavaliere 3.1.1.1

2 Handheld mic 3.1.1.2

3 Shotgun/Boom mic 3.1.1.3

2 Audio Connector 3.1.2

1 ⅛” Stereo and ⅛” Mono 3.1.2.1

2 XLR 3.1.2.2

2 Demonstrate effective audio recording. 3.2

1 Understand and demonstrate effective control of ambient sound. 3.2.1

2 Understand and demonstrate appropriate levels while recording. 3.2.2

3 Clipping 3.2.3

3 Demonstrate effective audio editing. 3.3

1 Identify and set appropriate audio levels for different audio types: 3.3.1

1 Dialogue 3.3.1.1

2 Sound effects 3.3.1.2

3 Music 3.3.1.3

Students will be able to un de

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1 Demonstrate understanding of three-point lighting and its components: 4.1

Key light 4.1.1

2 Fill light 4.1.2

of basic lighting principles. 4	3 Back light 4.1.3
	2 Setup and use lighting appropriately for various situations, including: 4.2
	1 Natural vs. artificial light 4.2.1
Students will be able to understand and demonstrate knowledge of post-production. 5	**1 Demonstrate appropriate file management.** 5.1
	1 Transferring 5.1.1
	2 Organizing 5.1.2
	3 Naming 5.1.3
	2 Demonstrate effective editing workflows. 5.2
	1 Preview media 5.2.1
	2 Rough Edit 5.2.2
	3 Final Cut 5.2.3
	4 Export 5.2.4
	3 Demonstrate the use of filters and effects 5.3
	1 Graphics/Titles 5.3.1
	2 Keyframe animation 5.3.2
	3 Chroma key 5.3.3
	4 Understand and demonstrate effective output of media. 5.4
	1 Understand and use appropriate settings for desired output: 5.4.1
	1 File Name & Location 5.4.1.1
	2 Aspect Ratio (Horizontal or Vertical) 5.4.1.2
	3 Resolutions (1080, 4K, etc.) 5.4.1.3
	4 File Type (MP4, MOV, etc.) 5.4.1.4
	5 File Size (H.264, ProRes, etc.) 5.4.1.5
Students will be able to understand and practice copyright laws, ethics and legal issues as identified in United States Code Title 17 Chapter 1 Section 101. 6	**1 Define and demonstrate copyright, licensing, and creative commons.** 6.1
Students will un de im	**1 Explore career options related to course content.** 7.1
	xplore and participate in cocurricular activities related to course content. 7.2

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readiness and professionalism skills related to the workplace. 7

1 Career Technical Student Organizations (CTSO's) 7.2.1

1 SkillsUSA 7.2.1.1

2 Technology Student Association 7.2.1.2

2 Other State and National Organizations 7.2.2

3 Related technical competitions 7.2.3