

TV Broadcasting 1 (2025)

Students will be able to demonstrate the purpose of storytelling and news gathering. 1

1 When planning a broadcast, identify the following and how they affect the planning process: 1.1

- 1 Purpose 1.1.1
- 2 Audience 1.1.2

2 Explore Journalism ethics. 1.2

- 1 Free exchange of information 1.2.1
- 2 Responsibility for accuracy 1.2.2
- 3 Honest and fair 1.2.3
- 4 Serving the public 1.2.4
- 5 Accountable and transparent 1.2.5

3 Understand and demonstrate how to determine what is a newsworthy story: 1.3

- 1 Impact 1.3.1
- 2 Proximity 1.3.2
- 3 Timeliness 1.3.3
- 4 Prominence 1.3.4
- 5 Conflict 1.3.5

4 Understand how to tell a story using the following types of content: 1.4

- 1 On Air Anchors 1.4.1
- 2 Pre Recorded Segments / Package 1.4.2
- 3 Live Interviews 1.4.3

Students will be able to understand and demonstrate knowledge of pre-production meetings. 2

1 Create and use a rundown to plan broadcasts. 2.1

- 1 Show Structure 2.1.1
- 2 Segments 2.1.2
- 3 Script 2.1.3

Students will be able to understand and demonstrate knowledge

1 Identify the basic functions of the main parts of a camera, including: 3.1

- 1 Sensor 3.1.1
- 2 Lens 3.1.2

of the correct operation of the camera. 3

- 3 Body 3.1.3
- 4 Electronic Viewfinder or LCD (Liquid Crystal Display) Screen 3.1.4

2 Demonstrate understanding of basic camera operations, including: 3.2

- 1 Focus 3.2.1
- 2 White balance, both indoors and outdoors 3.2.2
- 3 Basic exposure involving the iris/aperture and shutter speed 3.2.3
- 4 Recording settings 3.2.4
 - 1 Current camera resolutions (1080 HD, 4K, etc.) 3.2.4.1

3 Demonstrate understanding of basic camera supports, including: 3.3

- 1 Tripod 3.3.1
- 2 Monopod 3.3.2

4 Identify and demonstrate effective shot composition (framing). 3.4

- 1 Rule of thirds 3.4.1

5 Identify and demonstrate effective use of various shot (size) selections, including: 3.5

- 1 Wide (WS) 3.5.1
- 2 Medium (MS) 3.5.2
- 3 Close-up (CU) 3.5.3
- 4 Extreme close-up (ECU) 3.5.4

6 Identify and demonstrate effective use of various camera movements, including: 3.6

- 1 Pan 3.6.1
- 2 Tilt 3.6.2
- 3 Zoom 3.6.3

7 Identify and demonstrate effective use of various camera angles, including: 3.7

- 1 High angle 3.7.1
- 2 Eye level 3.7.2
- 3 Low angle 3.7.3

Students will be able to understand and demonstrate procedures for recording and editing audio. 4

- 1 Identify various types of microphones and demonstrate appropriate use of each. 4.1**

- 1 Microphone types 4.1.1
 - 1 Lavalier 4.1.1.1
 - 2 Handheld mic 4.1.1.2
 - 3 Shotgun/Boom mic 4.1.1.3
 - 2 Audio Connector 4.1.2
 - 1 1/8" Stereo and 1/8" Mono 4.1.2.1
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- 2 **Demonstrate effective audio recording.** 4.2
 - 1 Understand and demonstrate effective control of natural sound. 4.2.1
 - 2 Understand and demonstrate appropriate levels while recording 4.2.2
 - 1 Clipping 4.2.2.1
 - 2 Monitor in headphones 4.2.2.2
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- 3 **Demonstrate effective audio editing.** 4.3
 - 1 Identify and set appropriate audio levels for different audio types: 4.3.1
 - 1 Dialogue 4.3.1.1
 - 2 Sound Effect 4.3.1.2
 - 3 Music 4.3.1.3
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Students will be able to understand and demonstrate knowledge of basic lighting principles. 5

- 1 **Demonstrate understanding of three-point lighting and its components:** 5.1
 - 1 Key light 5.1.1
 - 2 Fill light 5.1.2
 - 3 Back light 5.1.3
 - 2 **Setup and use lighting appropriately for various situations, including:** 5.2
 - 1 Natural vs. artificial light 5.2.1
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Students will be able to understand and demonstrate knowledge of post-production. 6

- 1 **Demonstrate appropriate file management.** 6.1
 - 1 Transferring 6.1.1
 - 2 Organizing 6.1.2
 - 3 Naming 6.1.3
 - 2 **Demonstrate effective editing workflows.** 6.2
 - 1 Preview media 6.2.1
 - 2 Rough Edit 6.2.2
 - 3 Final Cut 6.2.3
 - 4 Export 6.2.4
 - 3 **Demonstrate the use of graphics and effects in a broadcast.** 6.3
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- 1 Graphics/Title Design 6.3.1
- 2 Keyframe animation 6.3.2
- 3 Chroma key 6.3.3
- 4 Lower thirds 6.3.4
- 5 Title safe area 6.3.5
- 6 Still images 6.3.6

4 Understand and demonstrate effective output of media. 6.4

- 1 Understand and use appropriate settings for desired output: 6.4.1
 - 1 File Name & Location 6.4.1.1
 - 2 Aspect Ratio (Horizontal or Vertical) 6.4.1.2
 - 3 Resolutions (1080, 4K, etc.) 6.4.1.3
 - 4 File Type (MP4, MOV, etc.) 6.4.1.4
 - 5 File Size (H.264, ProRes, etc.) 6.4.1.5

Students will be able to understand and demonstrate knowledge of broadcast production equipment and components. 7

1 Demonstrate basic use of a live production switcher and identify its components. 7.1

- 1 Preview Row 7.1.1
- 2 Program Row 7.1.2
- 3 Fader Bar 7.1.3

2 Demonstrate basic use of an audio mixer (soundboard). 7.2

- 1 Inputs/Outputs 7.2.1
- 2 Faders 7.2.2
- 3 Master Fader 7.2.3

3 Demonstrate proper use of a teleprompter. 7.3

4 Identify various cord / cable connectors 7.4

- 1 SDI (Serial Digital Interface) 7.4.1
- 2 HDMI (High-Definition Multimedia Interface) 7.4.2
- 3 1/8" Stereo / Mono 7.4.3
- 4 XLR (External Line Return) 7.4.4

Students will be able to understand and demonstrate knowledge of the control room and studio crew. 8

1 Understand various control room crew responsibilities. 8.1

- 1 Producer 8.1.1
- 2 Director 8.1.2
- 3 Technical Director 8.1.3

- 4 Audio Technician 8.1.4
 - 5 Video playback/Graphics 8.1.5
 - 6 Teleprompter Operator 8.1.6
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2 Understand various studio crew responsibilities. 8.2

- 1 Floor Director 8.2.1
 - 2 Camera Operator 8.2.2
 - 3 Talent 8.2.3
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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. 9

1 Define and demonstrate copyright, licensing, and creative commons. 9.1

Students will understand and demonstrate the importance of career readiness and professionalism skills related to the workplace. 10

1 Explore career options related to course content. 10.1

2 Explore and participate in cocurricular activities related to course content. 10.2

- 1 Career Technical Student Organizations (CTSO's) 10.2.1
 - 1 SkillsUSA 10.2.1.1
 - 2 Technology Student Association 10.2.1.2
- 2 Other State and National Organizations 10.2.2