# STRANDS AND STANDARDS
## TV BROADCASTING 2


Learning that works for Utah
CTE®

## Course Description

TV Broadcasting 2 is an advanced course designed for students seeking to expand their knowledge and technical skills in the television broadcasting industry. Building on the foundational concepts from TV Broadcasting 1, this course emphasizes real-world application through the planning, production, and delivery of regularly scheduled broadcasts. Students will engage in hands-on assignments that deepen their expertise in broadcast camera operation, audio engineering, lighting design, and pre-production planning. They will also take on more complex roles in studio and control room operations, integrating visual effects, motion graphics, and live switching into their productions. Emphasis is placed on teamwork, leadership, and creative problem-solving as students produce professional-quality content that meets industry standards.

| | |
|---|---|
| **Intended Grade Level** | 10-12 |
| Units of Credit | 0.5 |
| Core Code | 40.01.00.00.010 |
| Concurrent Enrollment Core Code | 40.01.00.13.010 |
| Prerequisite | TV Broadcasting 1 |
| Skill Certification Test Number | 591 |
| **Skill Certification Cut Score** | **74%** |
| Test Weight | 0.5 |
| **License Area of Concentration** | CTE and/or Secondary Education 6-12 |
| **Required Endorsement(s)** | |
| Endorsement 1 | Audio Video Production |

# STRAND 1
**Students will be able to demonstrate knowledge of gathering information for use in broadcast productions.**

### Standard 1
Demonstrate effective news-gathering techniques, including:
- Who, What, When, Where, and Why
- Fact-Checking
- Attribution
- Newsworthiness

### Standard 2
Demonstrate understanding of effective writing for broadcast, including:
- Voice (Active, Passive)
- Tone

# STRAND 2
**Students will be able to demonstrate knowledge of the correct operation of the camera.**

### Standard 1
Demonstrate understanding of camera operations, including:
- Focus
- Using ND (Neutral Density) filters
- Exposure
  - Shutter speed (motion blur)
  - Aperture (depth of field)
  - ISO (Isolated) / Gain (noise/grain)
- White balance
- Kelvin color temperature

### Standard 2
Demonstrate use of advanced camera operations, including:
- Stabilizers
- Sliders
- Drones
- Handheld
- Crane / jib

### Standard 3
Identify and demonstrate effective picture composition (framing), including:
- 180-degree rule
- Interview framing
  - Street interview
  - Sit-down interview

# STRAND 3
**Students will be able to understand and demonstrate proper use of audio equipment.**

## Standard 1
Identify microphone pickup patterns and the effective use of each in various situations:
- Microphone types
  - Lavaliere (omnidirectional)
  - Handheld mic (cardioid)
  - Shotgun / Boom mic (hypercardioid)
- Recording Locations
  - Remote recording
  - Studio recording
- Monitoring Levels
  - Clipping

## Standard 2
Demonstrate effective editing of audio recordings.
- Narration
- Voice over
- Ambient sound

## Standard 3
Demonstrate effective techniques for recording an interview, including:
- Introductions (Names and title)
- Effective Question
  - Open ended
  - Restate the question in answer
  - Listen


# STRAND 4
**Students will demonstrate proper use of lighting principles & equipment.**

## Standard 1
Identify and demonstrate effective use of lighting equipment and accessories.
- Shaping Light (Barn doors, etc)
- Diffusers (softbox, etc.)
- Reflectors (umbrella, etc)

## Standard 2
Set up and use lighting appropriately for various situations.
- Studio
- Interview
- Field

# STRAND 5
**Students will demonstrate proper post-production techniques.**

### Standard 1
Demonstrate effective use of editing techniques, including:
- L and J Cuts
- B-Roll
- Voice Over
- Nat Sound

### Standard 2
Create various graphics for use in broadcasts, including:
- Lower Thirds
- Bumpers
- Stingers
- Logos/Bugs

# STRAND 6
**Students will produce multiple live broadcasts.**

### Standard 1
Create a broadcast team.
- Producer, Technical Director, Talent, etc.

### Standard 2
Plan a broadcast.
- Rundown, scripts, gather stories, etc

### Standard 3
Produce a broadcast that includes, but isn't limited to:
- Multiple cameras and/or switching between video content
- Pre-made Segments, News Packages, Documentaries, and/or Commercials/PSAs
- Graphics (Lower Thirds, Chroma Key, Picture in Picture, etc.)
- Audio Mixing
- Reporter Toss
- Teleprompters

### Standard 4
Broadcast to an audience.
- Show broadcasts to an active audience via any of the following:
  - Closed Network
  - Streaming Platform
  - Social Media

# STRAND 7
**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.**

## Standard 1
Define and demonstrate copyright, licensing, and creative commons.

# STRAND 8
**Students will understand and demonstrate the importance of career readiness and professionalism skills related to the workplace.**

## Standard 1
Explore career options related to course content.

## Standard 2
Explore and participate in co-curricular activities related to course content.
- Career Technical Student Organizations (CTSO's)
  - SkillsUSA
  - Technology Student Association
- Other State and National Organization

## Performance Skills
Every student should be able to list every step and be proficient in creating a professional and reliable TV Broadcast from beginning to end. Specific performance skills are listed within each Strand.

## Workplace Skills
Workplace skills should be practiced and improved on daily in the classroom to help students become efficient and reliable employees.
- Communication
- Problem Solving
- Teamwork
- Critical Thinking
- Dependability
- Accountability
- Legal requirements/expectations

# Skill Certification Test Points & Questions by Strand

| Test Name | Test # | Number of Test Points by Strand | | | | | | | | | | Total Points | Total Questions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | | | | |
| TV Broadcasting 2 | 591 | 4 | 6 | 8 | 6 | 3 | 3 | 3 | 0 | | | | |
| | | Number of Questions by Strand | | | | | | | | | | | |
| | | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | | | | |
| | | 4 | 6 | 8 | 6 | 3 | 3 | 3 | 0 | | | 33 | 33 |