

Radio Production 1

Exam Information	Description
Exam number 813 Items 25 National Career Cluster Arts, Entertainment, & Design Certification available No, in Pilot status	The Radio Production 1 industry certification exam assesses for basic knowledge and skills related to Radio Broadcasting. Learners will demonstrate their knowledge of creating audio programming intended to be distributed through traditional radio, online radio, or distributed through podcasting.

Exam Blueprint and Performance Skills

Standard	Percentage of exam score
1. Types of Audio Production	7%
2. Basics of Sound And Mixing	43%
3. Equipment Setup & Use	21%
4. Creating Promotional Content	14%
5. Collaboration & Production	4%
6. Copyright Laws	11%
7. Career Readiness Skills	0%

*Includes performance skill evaluation

Standard 1 - Types of Audio Production (7% of exam score)

Candidates will explore radio related job titles and different types of audio production.

Objective 1 Job titles and employment opportunities.

1. Station Manager
2. Program Director
3. Music Director
4. On-Air Personalities
5. Promotions Director
6. Intern
7. Music Producer
8. Mixing Engineer
9. Foley Artist

Optional: Standard performance evaluations on the final page of this document

Standard 2 - Basics of Sound And Mixing (43%)

Candidates will explore the basics of sound, signal path and basic sound mixing.

Objective 1 The basics of sound and acoustics.

1. Frequency
2. Amplitude

Objective 2 Signal Path - Candidates will demonstrate proper equipment setup for recording audio.

1. Inputs/Outputs
2. Preamps
3. Mixing Boards
4. DAW (Digital Audio Workstation)
5. Sample Rate
6. Bit Depth

Objective 3 Identify elements of audio in recording or when using a DAW.

1. Decibel
2. VU Meter
3. Panning
4. Clipping
5. Threshold
6. Reverb

Standard 3 - Equipment Setup & Use (21%)

Candidates will demonstrate proper setup and use of recording equipment and produce a variety of radio content.

Objective 1 Identify various types of audio cables and connectors.

1. ¼"
2. ⅛"
3. MIDI/USB
4. XLR
5. Balanced
6. Unbalanced

Objective 2 Create different types of audio production.

1. Create an AM/FM radio program
2. Live sports broadcast
3. Broadcast and record a live music performance
4. Recording a studio album or EP
5. Podcast
6. Commercial and promotional content
7. Soundtrack and foley for a film or TV Show
8. Recorded Spot | PSA | Commercial | Promotion

Standard 4 - Creating Promotional Content (14%)

Candidates will create promotional content for their radio station or products.

Objective 1 Candidates will identify and create different types of promotional material for their radio show, station, or radio event.

1. Station ID
2. Sweepers
 - a. Drop
 - b. Bumpers
3. Posters
4. T-Shirts
5. Commercials
6. PSA
7. Social Media Posts
8. Logos

Standard 5 - Collaboration & Production (4%)

Candidates should collaborate and produce different types of audio.

Objective 1 Publication Selection – Candidates will identify the proper distribution outlet that is best suited for their content.

1. Terrestrial AM/FM or Internet Radio
2. Podcast Distributor
3. Spotify
4. Apple
5. YouTube
6. SoundCloud
7. Social Media

Objective 2 Based on classroom resources, Candidates should explore different types of audio and radio productions.

1. Recording studio album or EP
2. Live music concert
3. Create music loops
4. Episodic podcast
5. Series of related video blogs
6. TV/Film soundtrack production

Objective 3 Prepare yourself to enter the professional field of radio by learning more about it.

1. Watch a documentary on someone who succeeded in this industry. Share with your class what you learned.
2. Interview someone who works in the field you would like to work in. Share with your class what you learned.
3. Job shadow a person who works in the field you would like to work. Share with your class what you learned.

Standard 6 - Copyright Laws (11%)

Candidates will be able to understand and adhere to basic copyright laws applicable to all media.

Objective 1 Define the laws around media recording and production.

1. Define copyright
2. Define Fair Use
3. Define Public Domain

Standard 7 - Career Readiness Skills (0%)

Candidates will understand the importance of career readiness skills as it relates to participating in either TSA, SkillsUSA, Utah Broadcast Awards, or any other approved CTSO.

Objective 1 Understand the basics of a job related to radio production or broadcasting.

1. Participate in a CTSO competitive event related to radio.
2. Watch a documentary on someone who succeeded in this industry and develop a three-to-five-minute presentation.
3. Interview someone who works in this field. Develop a three-to-five-minute presentation.
4. Job shadow a person who works in this field. Develop a written report about your experience.

Objective 2 State Regulations and City Ordinances. Explore the sales licenses needed for the businesses included.

1. Understand necessary licenses/permits to do business in a variety of industries, including at-home businesses in your local area
 - a. Sales licenses needed for door-to-door sales
 - b. Contractor license
 - c. Medical license
 - d. Service licenses (cosmetology, massage, tattoo)
 - e. Food handlers permit**
2. Explore local city zoning ordinances and business licensing requirements
 - a. City noise ordinances
 - b. Zoning requirements
3. Construction and building permits
 - a. Passing local inspections such as building, fire, and safety inspections

Objective 3 Explore online regulations/best practices for the following areas.

1. Securing your website
 - a. HTTP: Not secured website
 - b. HTTPS: Secured website.
 - c. Secure payments
2. Online Cookies or data collection disclosure
3. Privacy Policy best practices
4. Terms of Use best practices

Performance Skills Evaluation

Exam name: Radio Production 1

Candidate Name: _____

Performance assessments may be completed and evaluated any time before the certification is issued. The following performance skills can be used in connection with the associated standards and exam. The evaluator will function as the subject matter expert to determine if the candidate meets the skills requirements with a Yes/No for passing.

Performance Skills:

- Candidates can record, edit, and export high quality audio for use in promotional content, podcasts, or radio shows.

Pass:

Workplace Skills:

The following workplace skills should be discussed and modeled throughout the Standards and Objectives of the course:

- Communication
- Teamwork
- Critical and Creative Thinking
- Problem-Solving
- Dependability
- Legal Requirements and Expectations

Pass:

Evaluator Name:

Date:
