

Radio Production 1

*This exam is in pilot status. No certificate is available.

Exam Information	Description																
Exam number 813	<p>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.</p>																
Items 25																	
Points 28	Exam Blueprint																
Prerequisites None	<table> <tr> <th>Standard</th><th>Percentage of exam</th></tr> <tr> <td>1. Types of audio production</td><td>7%</td></tr> <tr> <td>2. Basics of sound and mixing</td><td>43%</td></tr> <tr> <td>3. Equipment setup & use</td><td>21%</td></tr> <tr> <td>4. Creating promotional content</td><td>14%</td></tr> <tr> <td>5. Collaboration & production</td><td>4%</td></tr> <tr> <td>6. Copyright laws</td><td>11%</td></tr> <tr> <td>7. Career readiness skills</td><td>0%</td></tr> </table>	Standard	Percentage of exam	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%
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Recommended course length One semester																	
National Career Cluster Arts, A/V Technology, & Communications																	
Performance standards Included (Optional)																	
Certificate available No																	

Standard 1

Students 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

Standard 2

Students 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 - Students 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

Students 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. 1/4"
2. 1/8"
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

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

Objective 1 Students 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

Students should collaborate and produce different types of audio.

Objective 1 Publication Selection – Students 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, students 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

Students 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

Students 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.

Radio Production 1

Performance assessments may be completed and evaluated at any time during the course. The following performance skills are to be used in connection with the associated standards and exam. To pass the performance standard the student must attain a performance standard average of 8 or higher on the rating scale. Students may be encouraged to repeat the objectives until they average 8 or higher.

Student's Name: _____

Class: _____

Performance standards rating scale



Performance Skills:

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

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

Performance standard average score:

Evaluator Name: _____

Evaluator Title: _____

Evaluator Signature: _____

Date: _____