



Australian Government

CUASOU204 Mix sound in a broadcasting environment

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 2.0.

Application

This unit describes the skills and knowledge required to operate a broadcast studio panel.

It applies to individuals who are responsible for ensuring that all audio inputs are mixed smoothly in line with program requirements for live to air broadcasts. They work closely with other presenters and guests, providing them with cues prior to opening microphones.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Media and entertainment production – broadcasting

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for broadcast	1.1 Check studio equipment is safe and operational, and report any non-functioning equipment according to station procedures and work health and safety requirements 1.2 Identify and rectify simple problems, referring those beyond one's own responsibilities to relevant people 1.3 Confirm in advance that all pre-recorded material is ready for broadcast 1.4 Confirm that external sources required by the program are available from point of origin to studio panel desk 1.5 Check that arrangements for recording and linking live sources meet production requirements 1.6 Conduct sound check and adjust as necessary in line with station

ELEMENT	PERFORMANCE CRITERIA
	procedures, health and safety, and production requirements
2. Mix audio inputs on air	2.1 Mix audio inputs through the studio panel to produce required sound level and tonal balances 2.2 Execute sound cues according to production requirements 2.3 Cue and play presentation material according to program schedule 2.4 Cue studio guests as required and open microphones 2.5 Deal with operational problems of equipment promptly and effectively throughout on-air sessions 2.6 Follow instructions from relevant people during live sessions as required 2.7 Complete program on time and hand over to next presenter as required
3. Complete operations after broadcast	3.1 Save relevant material for archiving and future use in line with station procedures 3.2 Ensure surplus material is dealt with in line with station procedures 3.3 Complete documentation in line with station procedures 3.4 Check and clean equipment and work environment in line with station procedures 3.5 Notify relevant people of technical faults and problems in line with station procedures 3.6 Seek feedback from relevant people on own performance as a panel operator, and note areas for improvement

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	3.1, 3.4, 3.5	Recognises and interprets textual information to establish job requirements
Writing	3.3	Uses factual information and industry-related terminology to complete required workplace

		documentation
Oral Communication	1.2, 2.1, 2.4, 2.6, 3.5, 3.6	- Articulates clearly, using specific and relevant language suitable to audience to convey requirements - Uses listening and questioning techniques to confirm understanding
Numeracy	2.7	Uses basic mathematical formula to calculate time for programming requirements
Navigate the world of work	1.1, 1.2, 3.1-3.5	- Follows required safety requirements - Adheres to organisational policies and protocols - Understands boundaries and responsibilities of own role
Interact with others	2.4, 2.6, 3.5, 3.6	Collaborates and cooperates on creative and technical requirements in a broadcast environment
Get the work done	1.1-1.6, 2.1-2.7, 3.1-3.5	- Plans, organises and completes work to meet deadlines and other requirements - Address problems of a technical nature, seeking assistance from others when required

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUASOU204 Mix sound in a broadcasting environment	CUSSOU202A Mix sound in a broadcasting environment	Updated to meet Standards for Training Packages. Minor edits to clarify intent.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>

Assessment Requirements for CUASOU204 Mix sound in a broadcasting environment

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Performance Evidence

Evidence of the ability to:

- set up and operate a studio panel using a full range of audio inputs on at least three occasions according to station procedures, health and safety, and production requirements
- collaborate with others in a broadcast production environment
- follow station procedures for archiving materials, completing documentation and checking equipment at the conclusion of broadcasts.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- explain the process for referring technical faults and problems to relevant people in a broadcast production environment
- explain the issues and challenges that typically arise in the context of operating a broadcast studio panel in a live to air situation, and how to address them
- explain the basic principles of audio mixing in a broadcast production environment, including how to maintain consistent audio levels throughout a radio broadcast
- outline the work health and safety (WHS) requirements as they relate to the operations of a broadcast studio.

Assessment Conditions

Assessment must be conducted in a safe environment where evidence gathered demonstrates consistent performance of typical activities experienced in creative arts industry environments. The assessment environment must include access to:

- a basic broadcast studio
- production documentation

- interaction with others.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational educational and training legislation, frameworks and/or standards.

Links

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