



Australian Government

CUASOU321 Mix music in studio environments

Release: 1

CUASOU321 Mix music in studio environments

Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to operate industry-standard audio equipment for mixing music in the music, screen, media and entertainment industries.

The unit applies to those who work in a studio environment and interpret artistic and technical production requirements for music to produce the final mix of a musical production.

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

Unit Sector

Media and entertainment production – Audio/sound

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 to mix music in a studio	1.1 Review production documentation and confirm production and mixing requirements with required personnel 1.2 Agree on file format for production master and associated files with required personnel 1.3 Set up audio equipment or digital workstation and software as required according to operational and production requirements 1.4 Check all inputs and outputs for continuity and adjust as required 1.5 Label all tracks and channel paths 1.6 Complete audio check and document changes according to organisational requirements 1.7 Discuss audio issues with required personnel and adjust as required

ELEMENT	PERFORMANCE CRITERIA
2. Mix music and audio sources	2.1 Manage signal control and achieve a balanced sound mix 2.2 Apply effects and adjustments according to production and mixing requirements 2.3 Monitor signal and sound pressure levels and adjust to meet production requirements 2.4 Identify and resolve problems according to production and mixing requirements
3. Finalise mix	3.1 Undertake final mix and create a master according to production requirements 3.2 Save and archive audio data according to organisational procedures 3.3 Complete session documentation as required and distribute to required personnel according to organisational procedures 3.4 Evaluate own performance and note areas for future improvement

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Oral communication	Explains audio issues using language required for intended audience
Reading	Comprehends and interprets textual information from multiple sources
Writing	Completes documentation in required format
Planning and organising	Plans and sequences tasks and workload to meet production requirements
Problem solving	Analyses and addresses issues as they arise
Self-management	- Follows organisational policies and practices - Follows accepted communication practices and protocols
Teamwork	Collaborates with others on tasks
Technology	Uses industry-standard audio equipment to complete work tasks

Unit Mapping Information

Supersedes and is equivalent to CUASOU311 Mix music in a studio environment.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for CUASOU321 Mix music in studio environments

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- complete at least one music mix on an industry-standard mixer according to production requirements.

In the course of the above, the candidate must:

- confirm requirements for mixing music using documentation and discussion with required personnel
- set up recording environment
- monitor and adjust mix balance, signal routing and signal processing as required
- provide detailed evidence of the mixing process
- create final production master and associated files in required format.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- typical information found in production documentation
- organisational procedures for setting up for and finalising a music mix, including:
 - completing an audio check and documenting results
 - saving and archiving audio data
- techniques used for mixing sound
- different types of and procedures for using sound mixing equipment, including:
 - analogue and digital audio mixers
 - signal processing equipment
- strategies to evaluate performance to identify improvements
- issues and challenges that typically arise when mixing sound and strategies to address issues and challenges

- conventional formats for a final production master.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- analogue or digital sound mixing equipment
- environment where sound is recorded
- production documentation
- source material for mixing
- interaction with others required to demonstrate the performance evidence.

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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