



Australian Government

CUASOU311 Mix music in a studio 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 interpret artistic and technical production requirements for music, and to operate professional audio equipment for mixing music in the music, screen, media and entertainment industries.

It applies to individuals who work in a studio environment and create quality sound for conventional audio formats 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 for mixing music in a studio	1.1 Review production documentation and confirm mixing requirements with relevant people 1.2 Set up audio equipment according to operational and production requirements 1.3 Anticipate problems that could arise during mixing and plan accordingly
2. Undertake pre-mixing operations	2.1 Check all inputs and outputs for continuity and adjust as required 2.2 Establish an effective workflow for mixing music 2.3 Label all track and channel paths

ELEMENT	PERFORMANCE CRITERIA
	2.4 Complete audio check and document changes according to organisational requirements 2.5 Discuss audio issues with relevant people and adjust mix as required
3. Mix music and audio sources	3.1 Manage signal control to achieve a balanced sound mix 3.2 Apply effects and adjustments according to production requirements 3.3 Monitor signal and sound pressure levels and adjust to meet production requirements 3.4 Identify and resolve problems with minimal disruption to session
4. Finalise mix	4.1 Undertake final mix and create a master according to production requirements 4.2 Save and archive audio data 4.3 Complete session documentation as required and distribute to relevant people 4.4 Evaluate own performance 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	1.1, 1.2, 2.1, 2.4, 3.1, 3.2, 3.3, 4.1	Comprehends and interprets textual information from multiple sources
Writing	2.3, 2.4, 4.3	- Completes documentation in required format - Creates clear and accurate labels
Oral Communication	1.1, 2.5	Uses appropriate technical language to explain to relevant people relating to audio issues in the mix and session outcomes
Navigate the world of work	2.4	Follows organisational policies and practices
Interact with	1.1, 2.5	Follows accepted communication practices and

others		protocols
Get work done	1.1, 1.2, 1.3, 2.2, 2.4, 3.1-3.4, 4.1-4.3	- Plans and sequences tasks and workload to meet production requirements - Analyses issues and uses problem-solving techniques to address them - Uses digital equipment to complete work tasks

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUASOU311 Mix music in a studio environment	Not applicable	New unit.	No 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 CUASOU311 Mix music in a studio environment

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Performance Evidence

Evidence of the ability to:

- confirm requirements for mixing music using documentation and discussion with relevant people
- set up a recording environment to meet production requirements
- complete a music mix, monitoring and adjusting inputs and outputs as required
- create final production master and associated files and documentation in appropriate format.

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:

- describe the information normally found in production documentation
- explain the techniques used for mixing sound
- list and describe commonly used sound mixing equipment
- explain the issues and challenges that typically arise when mixing sound and how to address them
- identify conventional formats for a final production master.

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:

- sound equipment
- environments where sound is recorded

- relevant production documentation
- source material for mixing
- 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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