Assessment Requirements for CUASOU312 Develop and apply knowledge of audio theory

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 5.0.

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:

- apply knowledge of audio theory to at least two different practical tasks related to own work practice.

In the course of the above, the candidate must:

- manage own research and learning
- analyse own knowledge of audio theory and identify areas for improvement
- define theoretical audio concepts required for practical tasks.

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:

- importance of audio theory knowledge to chosen work practice
- theoretical concepts relating to audio, including factors relating to:
  - process of sound propagation
  - process of human hearing and use of decibels as a unit of measurement
  - sound frequencies and dynamic range
  - electricity
  - electromagnetism
  - audio level controls
  - equalizers and process of equalisation
  - compressors and process of audio compression
  - reverb generating devices
  - acoustics
  - digital audio

- research techniques and methods for accessing required sources of information
- strategies to maintain and expand knowledge of audio theory
- processes for identifying development areas of basic audio theory knowledge related to own work practice.

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:

- resource material for researching audio theory concepts
- industry standard software and equipment for research and practical activities
- 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

Companion Volume Implementation Guide is found on VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5