



Australian Government

Assessment Requirements for ICPDMT3440 Manipulate and incorporate audio into multimedia presentations

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 4.0.

Performance Evidence

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

- construct, edit and incorporate audio elements into at least two different multimedia sequences.

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:

- distinguishing features of analogue and digital audio
- meaning of amplitude, sound waves, frequency, mono and stereo
- features of digital audio formats currently used by industry
- data rates that apply to digital sources
- sampling techniques and sources for sampling digital audio
- uses of Musical Instrument Digital Interface (MIDI) technology
- features of selected digital audio software
- purpose of an audio frame in saving and producing digital audio outputs
- process to join multiple tracks of digital audio
- types of digital effects used to modify and integrate digital audio tracks
- techniques for hooking sounds together
- purpose of time encoding
- use of sequencers in creating digital audio tracks
- purposes of sound cards.

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. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the area of work.

This includes access to:

- audio-editing software
- multimedia output devices.

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

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>