



Australian Government

**Assessment Requirements for ICPDMT344
Manipulate and incorporate audio into
multimedia presentations**

Release: 1

Assessment Requirements for ICPDMT344 Manipulate and incorporate audio into multimedia presentations

Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

Performance Evidence

Evidence of the ability to:

- construct, edit and incorporate audio elements into at least TWO different multimedia sequences including:
 - finding and using information relevant to the task from a variety of sources
 - interpreting requirements from job specifications
 - selecting and using suitable software and hardware.

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:

- identify the distinguishing features of analogue and digital audio
- explain the terms: amplitude, sound waves, frequency, mono and stereo
- identify the main contemporary digital audio formats
- describe data rates that apply to selected digital sources
- identify sampling, sampling techniques and sources for sampling digital audio
- explain the different uses of Musical Instrument Digital Interface (MIDI) technology
- identify the distinguishing features of selected digital audio software
- explain the purpose of an audio frame when saving and producing digital audio outputs
- explain the process to join multiple tracks of digital audio
- identify the types of digital effects that are used to modify and integrate digital audio tracks
- explain the purpose of time encoding
- clarify how sequencers are used to create digital audio tracks
- explain the purposes of sound cards.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the digital media technologies field of work and include access to software, hardware and equipment and materials required for construction and editing of sound files.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>