CCSMT9
Use essential analogue and digital sound editing techniques

Overview

This standard is about editing recorded source material. There are many ways of originating analogue and digital recordings on a wide variety of hardware and/or software devices. Common to understanding all of these systems is the basic practices of the editing process.

This standard is about a good basic working knowledge of editing methods including the ability to carry out accurate editing of audio material. It is important that you understand that what you are editing today may not be used by yourself but may be passed on to another engineer. The final edited work needs to be useable by others without requiring further work or preparation. In these ways this standard is about having a good basic editing theory and practice with an acceptable quality output and a secure method of archiving.

This standards will look at dealing with common problem-solving and other issues that can occur on a regular basis in the editing process. This standard will further support the team work and communication skills of user and clients.

You will be required to import/transfer an audio file for editing and then save and archive the new and renamed audio file prior to any editing. You will also be required to remove unwanted noise from a recorded source, and then save and archive this new edited/cleaned audio file.

You will be required to implement actions to safely secure and save entire recorded content via 2 formats of either WAV, AIFF, (file formats) DVD, DVD RAM, Digital removable HD CADDY,TAPE, DAT, CD, External HD.

You will be able to edit out unwanted audio problems such as coughs or sneezes from a live interview section, and then save and archive the file.

You will also be required to edit a drum and percussion recording showing good understanding of tempo and timing knowledge.

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Performance criteria

You must be able to:

P1 configure equipment to safely transfer analogue audio materials digital editing and recording equipment

P2 operate a computer-based (DAW) digital editing system and parameters

P3 carry out editing decisions effectively

P4 identify areas of audio requiring editing or cleaning

P5 provide editing solutions to resolve problems and improve audio

P6 use editing functions on a computer based digital editing program

P7 make corrections and improvements to audio materials

P8 maintain procedures to ensure audio does not deteriorate or degrade

P9 assemble small drum and percussion edits to present perfect timekeeping of original

P10 assemble vocal/music edits that reflect good timing, pace and tempo awareness

P11 measure the overall timing and feel of audio to be edited

P12 adjust bad timing and tempo errors with accurate editing decisions

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Knowledge and understanding

You need to know and understand:

K1   procedures for connecting digital editing and recording equipment

K2   how to use menus and parameters to transfer and import audio

K3   the importance of preserving original audio content

K4   how to save and manage audio materials

K5   the common editing problems associated with many editing scenarios

K6   basic editing solutions to improve audio and remove problems

K7   ways in which digital editing parameters are used

K8   ways to edit and repair audio material

K9   procedures for ensuring audio materials does not deteriorate or degrade

K10   the process of timekeeping and tempo relationships with all editing decisions

K11   reasons for editing audio with timing and tempo considerations

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