Level 2 Audio software (7574-213)

ITQ (QCF)
Assignment guide for Candidates
Assignment B

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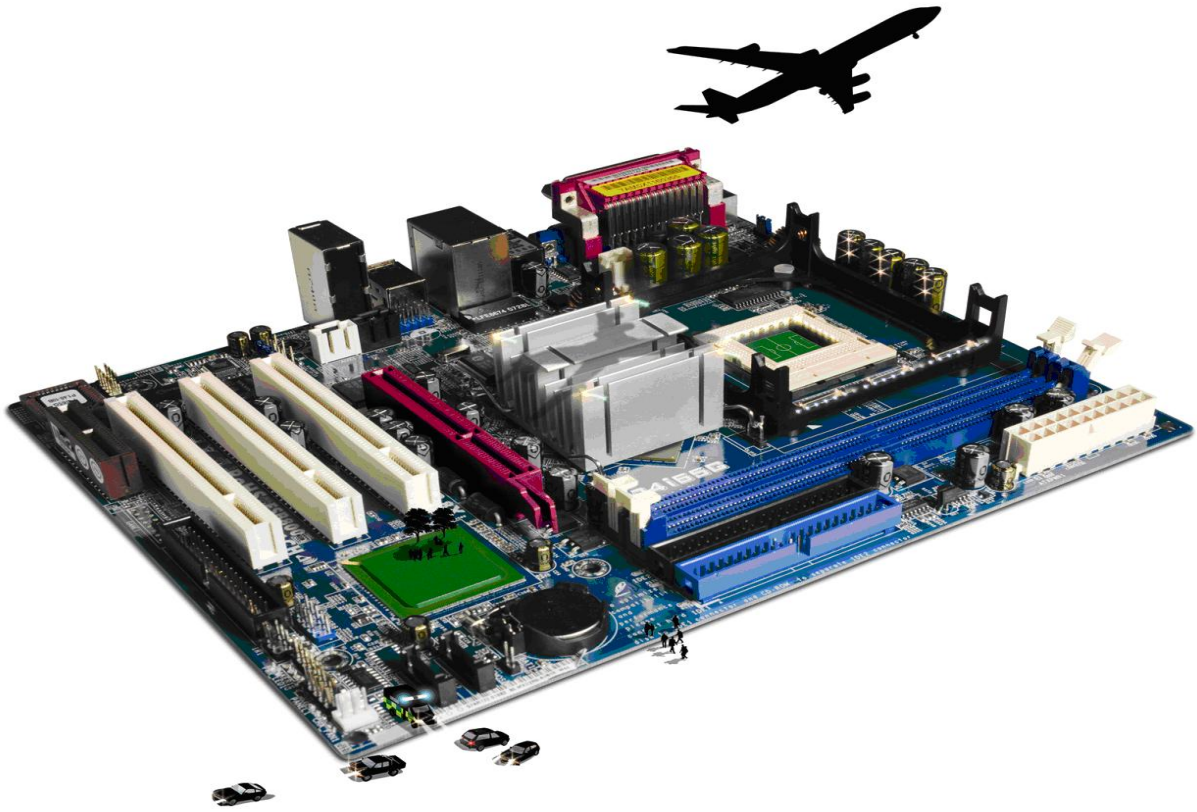

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Level 2 Audio software (7574-213) Assignment B

Introduction – Information for Candidates

About this document

This assignment comprises all of the assessment for Level 2 Audio software (7574-213)

Health and safety

You are responsible for maintaining the safety of others as well as your own. You are asked to work safely at all times.

You will **not** be allowed to continue with an assignment if you compromise any of the Health and Safety requirements.

Time allowance

The recommended time allowance for this assignment is **two hours**.

Level 2 Audio software (7574-213)
Candidate instructions

Time allowance: two hours

The assignment:

This assignment is made up of **three** tasks

- **Task A -** Capturing sounds
- **Task B -** Combining and editing sounds
- **Task C -** Play and present the audio sequence

Scenario

You work as a Teaching Assistant, in a small primary school, where your role is to assist with using all aspects of computer technology. You have been asked to help a teacher put together a short audio clip for inclusion in a presentation on Lightning.
The teacher wants to produce a dramatic effect by having some words spoken in between claps of thunder on the short sound file. The teacher has supplied the written text.
You will need to speak this text and record it. You will need to review the existing sound files to find a suitable background recording of rainfall and then you will need to paste the spoken text into this file. You should then choose sections from existing recordings of thunder and combine them with the background of rainfall and the spoken text to produce the final recording.

The final track should be no longer than **two** minutes.

Read all of the instructions carefully and complete the tasks in the order given.

Task A – Capturing sounds

1 Using the **Answers 213 B document**, provided by your assessor list the following:
- input device(s) you will use for the voiceover
- background sound clips to be used
- thunder sound clips to be used
- audio software to be used for editing and combining sound clips.

2 Using the **Answers 213 B document**, provided by your assessor, describe the impact file size and file format will have on saving files.

Continued over…

3 Using the **Answers 213 B document**, provided by your assessor, identify the different types of coding and file compression that can be used when creating audio files.

4 Using the equipment you have identified, read aloud and record the text in the file **Lightning** – provided by your assessor.

5 Save the file with the name **Lightning_XX**, (where XX are your initials); making sure you save it in a format that will be compatible with your audio editing software.

Task B – Combining and editing sounds

1 Using the audio editing software you have chosen, review the sound files provided by your Assessor. Choose the file(s) from which you will take the background clips of rain.

2 Cut and paste the relevant sections of your file **Lightning_XX** into a file containing the background clips you have chosen.

3 Save this file as: **Voiceandbackground_XX** (where XX are your initials).

4 Cut and paste the thunder clips you have previously chosen, into the file **Voiceandbackground_XX**, saving the combined file as **Thunderandlightning_XX** (where XX are your initials).

5 Listen to the combined track, making any adjustments as necessary. Ensure the track is no longer than **two** minutes. Save the final version of the file **Thunderandlightningfinal_XX**.

6 Using the information provided by your assessor, which will identify the origin of the files you have chosen, specify on the **Answer sheet 213 B** provided, any copyright constraints that may be attached to the use of the sound files.

7 Using the **Answer sheet 213 B** provided by your Assessor, identify settings that could be adjusted to improve the quality of your sound sequence.

Task C – Play and present the audio sequence

1 Using the **Answer sheet 213 B** provided by your Assessor, Identify the playback hardware and software which should be different from the audio editing software.

2 Export the final version of your sound sequence in a format suitable for playback on this hardware and software.

Continued over…

3 Play the final version of your sound sequence to ensure it is fit for purpose, adjusting playback settings to enhance the quality of the recording.

4 Using the **Answer sheet 213 B** provided by your Assessor, describe the features and constraints of the hardware and software used for playback.

When you have finished working:

- Sign each document above your name and label all removable storage media with your name.
- Hand all paperwork and removable storage media to your assessor.

If the assignment is taken over more than one period, all paperwork and removable media must be returned to the test supervisor at the end of each sitting.

End of assignment

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