



BRIDGING THE GAP



Music Technology

Course Title	Examination Board & Web Address	
Btec Level 3 Music Technology: Sound Engineering	Edexcel	http://www.edexcel.com

Units/Topics Studied: Sequencing, multi-track recording, arranging, studio engineering, album production, effects, synthesis, live sound, DAW production.

Bridging Task

Part One:

Find out the answers to the following questions

1. What is Cubase and what is its function?
2. How does a dynamic microphone work?
3. What is a condenser microphone?
4. What is the polar pattern for a dynamic mic?
5. What is the polar pattern for a condenser mic?
6. What is MIDI?
7. What is compression?
8. What is an audio interface?
9. Find out what a Saffire pro 40 is and how it works?
10. What is an XLR lead?

Part Two:

Choose **ONE** of the following tasks to complete

Useful websites:

<http://www.soundonsound.com/>

<http://www.musictech.net/tag/cubase-tutorial/>

<http://musictechstudent.co.uk>

<p>Song Analysis</p> <p>Choose your favourite song and analyse it, looking at the following features: its structure (verse, chorus etc), instrumentation, lyrics, vocal style, mood, volume, effects used for example reverb, delay, guitar effects, vocal style, backing vocals, melody, chords used, any other interesting features including why it is your favourite song.</p>	<p>Microphone Poster</p> <p>Complete a written project, with labelled diagrams which shows the 4 main types of microphones used in recording studios. It must contain polar patterns, how they work and which mics are best for recording which instrument. Describe how each microphone works, with the aid of pictures.</p>
<p>Cubase</p> <p>Look at some clips on YouTube of recording engineers using Cubase. Put together a user friendly help sheet for someone using Cubase for the first time. This must include basic functions and pictures from the software. https://www.sonicacademy.com/courses/make-music-with-cubase-6-beginner</p>	<p>Designing an Album</p> <p>Choose 6 tracks to go on an album of your choice. Design the CD cover, list the tracks on the back. Put together a marketing package how you would launch and sell the CD. Think about how you would market the CD, advertising, social media, Spotify, radio, youtube and other music platforms.</p>

The two parts will be graded Pass, Merit or Distinction. In part one we will be looking for the correct answers. In part two we will be looking for evidence of research, musical understanding and your commitment to the subject. Good Luck!

