

Haydon School Music Technology

Transition Materials for BTEC National

Extended Certificate in Sound Engineering

This pack contains a programme of activities and resources to prepare you to start an A Level in Music Technology in September.

Please ensure you complete all tasks over the summer, and access the suggested listening

Entry requirements:

Experience of Music Technology software (preferably Logic) is required, along with basic keyboard skills, experience in composition.

Course overview

Pearson BTEC National Extended Certificate in Sound Engineering

Studio Recording Techniques

- the processes, equipment and practical skills required to produce multitrack recordings in a music studio environment.

DAW Production

- how a digital audio workstation (DAW) can be used creatively to produce music, manipulate audio and mix music.

Live Sound

- the technology and practice of live sound engineering and explore the types of work carried out by live sound engineers.

Mixing and Mastering Techniques

- skills to mix and master a digital audio workstation (DAW) project to a professional standard.

Working and Developing as a Production Team

- collaborative process by which a music recording project is carried out.

1. Studio Recording Techniques

Write up a plan for how you would record the following:

1. Rock band
2. Solo acoustic artist
3. String Quartet

You should specify any production techniques you wish to utilize, type of microphones, distances and the order you intend to record should they be recorded individually.

2. DAW Production

Watch the following videos and create your own list of shortcuts for use in Logic:

<https://www.youtube.com/watch?v=sqm8Q3jINVI>

<https://www.youtube.com/watch?v=gZfA4c6GCwM>

https://www.youtube.com/watch?v=1XkBHT_6Nk

3. Live Sound

Please do at least one of the following:

- Research local facilities – what venues use live sound locally? Get yourself to some small gigs/rehearsals/services/festivals where you may be able to chat to the sound engineer about set up/ equipment.
- Try and organise some work experience in a London studio
- Research the basic equipment needed to put on a live show. Write up your findings.

4. Mixing and Mastering Techniques

Find youtube videos on how to mix your favourite genre using Logic X. List videos below (link or titles/uploader):

5. Working and Developing as a Production Team

Working as a team is essential in the music industry where different skillsets come together to help create and market a product,

Research ten jobs in the music industry and list them in order from which one most interests you to which one least interests you giving reasons why you think you'd be good or not so good (or even awful) and the lower choices. eg you could list 'session musician' but know that you don't personally play an instrument and so therefore wouldn't be an ideal job for you.