

Course title: TECHNICAL EAR TRAINING 2

Course code :: 19016304

Year/term: Year 3/term 1 (2564)

Credit points: 2

Contact time: 3-hour

Prerequisite: TECHNICAL EAR TRAINING 1

Course Learning Outcomes

C1. Technical ear training is a type of perceptual learning focused on timbral, dynamics, and spatial attributes of sound, especially with respect to audio recording and production; including Tonal Balance and Equalization, Spatial Attributes and Reverberation, Dynamics Range Control, Distortion and Noise, Amplitude Envelope and Audio Edit Points, and Analysis of Sound.

Generic learning outcome

- G1. students are able to communicate and speak well in public
- G2. students are responsible for all assigned work on time
- G3. students are able to work as team.
- G4. students can use their knowledge to analyse, develop and create their own work.
- G5. students has a good skill in English communication, especially, the technical communication relates to sound and acoustic engineering

Learning & Teaching Activities

Activities	Learning outcome	Remarks	Problem (MKO5)	Solution to problem (MKO5)
Ear training	Perceptual training of ear for audio production skills, G4,G2			

Critical listening	Understanding tonal balance and arrangements of Music tracks, G4, G2			
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Assessment

Name	%	Learning outcome	Remarks
Final project	70		
Viva	30		

Feedback

Activities	Remarks	Problem (MKO5)	Solution to problem (MKO5)
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Time table

Week no.	Lecture topics	Lab topics
1	Ear training EQ	Ear training EQ
2	Critical listening	Critical listening
3	Ear training EQ	Ear training EQ
4	Critical listening	Critical listening
5	Ear training COMPRESSION	Ear training COMPRESSION
6	Critical listening	Critical listening
7	Ear training COMPRESSION	Ear training COMPRESSION
8	Mid term	Mid term
9	Ear training COMPRESSION	Ear training COMPRESSION
10	Critical listening	Critical listening
11	Ear training REVERB	Ear training REVERB
12	Critical listening	Critical listening
13	Ear training REVERB	Ear training REVERB
14	Critical listening	Critical listening
15	Final Assessment & viva	Final Assessment & viva