

Course title: SOUND RECORDING 1

Course code: 19016306

Year/term: Year 2/term 2

Credit points: 4

Contact time: 3-hour lecture & 2-hour lab

Prerequisite: NONE

Online teaching platform: Google Meet

Lecturer and student contact via Google classroom

Course Learning Outcomes

- C1. Students are introduced to Basic recording technique
- C2. Students understand stereo microphone technique and microphone selection techniques for various purposes.
- C3. Students are able to design, install and operate the equipment and sound recording system correctly and safely

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 have life-long learning skill.
- G6. students has a good skill in English communication, especially, the technical communication relates to sound and acoustic engineering

Learning & Teaching Activities

Teaching activities	Learning outcome	Remarks
Lecture	C1,C 2,C 3	Every week
Lab	C1, C2,C 3,C 4	Every week

Assessment

Name	%	Learning outcome	Remarks
Exam	40	1, 2, 3	Midterm (20%), final (20%)
Final project	20	1, 2, 3	
Assignments	30	1, 2, 3, 4	
Aural Exam	10	1, 2, 3, 4	At the term end

Feedback

Activities	Remarks
Answer Assignment	Every week
Announce Midterm score	week9

Time table

Week no.	Lecture topics	Lab topics
1	Introduction	Properties of sound waves
2	Recording system	Mixing console and studio equipments
3	How microphone works	Properties of microphones
4	Microphone techniques	Microphone placements
5	Stereo microphone techniques	Stereo microphones placements
6	Recording session preparation	Pro tools
7	Voice recording	Voice recording session
8	Mid-Term	
9	Microphone techniques: Line and cabinet	Cabinet and re-amp session
10	Microphone techniques: Strings instruments	Strings instruments recording session
11	Microphone techniques: Brass, woodwinds and piano	Brass, woodwinds and piano recording session
12	Microphone techniques: Drums and percussions	Drums and percussion recording session
13	Microphone techniques: Cymbals and overheads	Drumset recording session
14	Microphone techniques: Orchestra, ambient and surround	Multi-microphones recording session
15	Final examination	