

Course Syllabus

1. **Program of Study** Bachelor of Arts (Film Production)
Faculty/Institute/College Mahidol University International College
2. **Course Code** ICFM 304 **Course Title** Sound in Film
3. **Number of Credits** 4 (Lecture/Lab) (0-8)
4. **Prerequisite(s)** None
5. **Type of Course** Required for Film Production
Elective for Animation Production
6. **Trimester/Academic year** Second Trimester / Year III
7. **Course Description**
Technical and artistic principles of feature sound in film: the physics of sound; microphone selection(s) and techniques; post-production equipment and process; film sound mixing formats.
8. **Course Objective(s)**
After completing this course, students will be able to record, edit, and mix sound for a student project using the appropriate tools and equipment.

9. Course Outline

Week	Topic		Instructor
	Lab	Hour	
1	Introduction to sound in film; form teams; introduction to sound studios facilities	8	
2	The physics of sound; Exercise I: experiments in the physics of sound	8	
3	Equipment overview; Exercise II: equipment overview	8	
4	Sound post production staff; Studio tour I: staff observation	8	
5	Sound post production process; Studio tour II: process observation	8	
6	Mid-term exam; team discussion and student-teacher conference	8	
7	Microphones; Exercise III: microphone techniques	8	
8	Audio recording devices;	8	

	Exercise IV: introduction to digital audio work station		
9	Application of digital audio work station; Assignment I: basic digital audio techniques	8	
10	Digital audio editing techniques; Assignment II: digital audio editing techniques	8	
11	Sound mixing formats in film; Assignment I and II: presentation	8	
12	Final exam; Assignment I and II: critique	8	
	Total	96	

10. Teaching Method(s)

Hands-on practice

11. Teaching Media

Microphone, DVD/VCD players, TV monitor, and digital audio facilities

12. Measurement and evaluation of student achievement

Assessment is made from the criteria of A, B+, B, C+, C, D+ and D

13. Course evaluation

Mid-term exam	20%
Final exam	20%
Team assignments	60%

14. Reference(s)

Altman, R. (1992). *Sound Theory Sound Practice (AFI Film Readers)*.Routledge.

Weis, E. and Belton, J. (1985). *Film Sound*. Columbia University Press.

15. Instructor(s)

TBA

16. Course Coordinator

Sarunya Noithai