



HANYANG UNIVERSITY

Hanyang ERICA Summer School

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2019 HESS Course Syllabus

Course Information	Course Title(Eng)	Music Technology	Course Category	Elective Non-Major (General)
	Course Title(Kor)	뮤직테크놀로지		
	Credit-Lecture-Lab	3 credits-3 hrs-1.5 hrs	Course Restrictions	N/A
	College/School	International Summer School(ERICA)	College/School Responsible	Major in Culture Technology
	Meeting Times	10 classes	Electronic Attendance	None

Instructor Info	Department	Division of Media, Culture and Design Technology	Name	Prof. Sean Cho
	Contacts		E-mail	seancho@hanyang.ac.kr
	Homepage			
Course Type	Teaching Method			

Course Description	This course will cover the fundamental skills of music production, such as acoustical sound and instrumental studies. By understanding the operation of mixing consoles, microphones, and speakers in a recording studio system, combined with the use of computer MIDI and DAW (Digital Audio Workstation), recording skills and production techniques will be taught through various music and media production stages.
Course Objectives	<ol style="list-style-type: none"> 1. Understanding basic music production concepts 2. Understanding basic acoustical sound and instrumental concepts 3. Understanding functions of mixing consoles, microphones and signal processors used in music productions 4. Understanding features of MIDI and DAW systems 5. Understanding signal flow in a recording environment
Notice for Students	<i>No materials needed. Pre-knowledge in music and/or MIDI (Cubase) a plus.</i>

Textbook	No.	Title	Author	Publisher	ISBN	Price(KRW)

Evaluation	Evaluation Criteria	Percentage(%)	Evaluation Criteria	Percentage(%)
		Attendance	30	Quiz



Assignments	10	Mid-term Exam	40
Discussion	0	Final Exam	20
Team Project	0	Participation	0
Other			Percentage(%)
Total 100 %			

Daily Lecture Plan and Assignments	Day	Title	Activity
	1	Course Introduction & Orientation	Understanding the fundamentals of Sound Acoustics
	2	Music Production Equipment	Understanding the features and uses of various microphones, speakers, and effect processors
	3	Music Production With DAW - Sound Editing	Understanding the features and uses of Digital Audio Workstation for Music Production : Over-dubbing, 2Track Editing, Sound editing for Video
	4	Recording & Over-dubbing Technic	Understanding the procedure of Multi-track recording, Over-dubbing
	5	Working With MIDI	Understanding the features and application of MIDI for Music Production
	6	Fundamentals of Signal Processing (I)	Understanding the features and application of Various Signal Processors: EQ, Compressor, Noise Gate
	7	Fundamentals of Signal Processing (II)	Understanding the features and application of Various Signal Processors: Digital Reverb, Delay, Effect Processor, E.T.C..
	8	Mixing Technique (I)	Level Balancing, Effect Processing
	9	Mixing Technique (II)	Compression and EQ, Mastering
10	Final: Audition and Grading		