

# MUSIC TECHNOLOGY

1	Course Title:	MUSIC TECHNOLOGY
2	Course Code:	KNS4131
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	4
6	Semester:	7
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. GÜLAY GÖĞÜŞ
15	Course Lecturers:	Yrd.Doç.Ersen VARLI
16	Contact information of the Course Coordinator:	U.Ü.Devlet Konservatuvarı 0 224 294 27 00
17	Website:	
18	Objective of the Course:	Getting basic information about use of technology on various areas of music and features of the related equipments.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To be able to have information about the use of technology areas in music.
	2	To be able to have information about use of technology about instrument manufacturing.
	3	To be able to make description about digital instruments.
	4	To be able to recognize about sound system.
	5	To be able to have information about audio recording technology.
	6	To be able to recognize about musical hardwares on computer platform.
	7	To be able to recognize about musical softwares on computer platform.
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21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice
1	Technological developments and the effect on music.	
2	Basic information about use of technology in music.	
3	Use of technology in music in terms of the instrument manufacturing. Digital instruments.	

4	The connection types between digital instruments.	
5	Overview to sound systems.	
6	Basic operation principles of sound equipments.	
7	Overview to audio recording technology.	
8	Basic principles of audio recording equipments.	
9	Repeating courses - Midterm exam	
10	General information about musical hardwares and softwares on computer platform.	
11	Detailed information about musical hardwares and softwares on computer platform.	
12	Detailed information about musical hardwares and softwares on computer platform.	
13	Intersection points of all technological aspects and solutions of the problems.	
14	Intersection points of all technological aspects and solutions of the problems.	

22	Textbooks, References and/or Other Materials:	ÖNEN Ufuk, Ses Kayıt ve Müzik Teknolojileri, Çitlembik Yayınevi, İstanbul, 2007
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23	Assesment	
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TERM LEARNING ACTIVITIES		NUMBER	WEIGHT		
Activities			Number	Duration (hour)	Total Work Load (hour)
Theoretical			14	2.00	28.00
Final Exam	0	60.00			
Practicals/Labs			0	0.00	0.00
Self study and preparation			13	5.00	65.00
Contribution of Term (Year) Learning Activities to		40.00			
Homeworks			0	0.00	0.00
Projects					
Contribution of Final Exam to Success Grade		60.00		0.00	0.00
Field Studies			0	0.00	0.00
Midterm exams			0	1.00	0.00
Measurement and Evaluation Techniques Used in the					
Others			0	0.00	0.00
Final Exam			0	1.00	0.00
<b>ECTS / WORK LOAD TABLE</b>					
Total Work Load					93.00
Total work load/ 30 hr					3.10
ECTS Credit of the Course					3.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	1	3	1	1	2	1	2	3	2	2	1	3	0	0	0	0
ÖK2	2	3	1	3	3	2	2	3	2	2	2	3	0	0	0	0
ÖK3	2	3	1	2	3	2	2	3	2	2	1	3	0	0	0	0
ÖK4	2	2	1	3	2	2	2	3	2	2	1	3	0	0	0	0

ÖK5	2	3	2	3	3	2	2	3	2	3	1	3	0	0	0	0
ÖK6	2	2	2	2	2	1	1	3	1	2	1	3	0	0	0	0
ÖK7	2	2	3	2	2	1	1	3	1	2	1	3	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							