

COURSE INFORMATION					
Course Title	Code	Semester	L+P Hour	Credits	ECTS
Music and Medicine	MED 629	Phase 1/2/3	28	2	2*

\* ECTS credits are the university credits of the courses in Yeditepe University, Faculty of Medicine, Undergraduate Medical Education Program

<b>Prerequisites</b>	None
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<b>Language of Instruction</b>	English/Turkish
<b>Course Level</b>	Second Cycle including First Cycle Degree (One Tier Programme)
<b>Course Type</b>	Free Elective
<b>Course Coordinator</b>	Prof. Gülsüm Seda Güleç Yılmaz
<b>Instructors</b>	Kübra Taşkın Düzgün
<b>Assistants</b>	
<b>Goals</b>	To convey the past and current uses and utilities of music in medicine.
<b>Content</b>	The connection of music and medicine throughout the historical development of antiquity and Middle Ages up until today. The place of music in medical practice after the transformations in the Age of Enlightenment and beyond.

<b>Learning Outcomes:</b> At the end of this course, the student should be able to:	<b>Program Outcomes</b>	<b>Teaching Methods</b>	<b>Assessment Methods</b>
Explains the uses of medicine in the past and present.	1.1.2,1.1.9,2.3.2, 2.4.3,2.5.2	1	A,B
Describes the uses of music in clinical conditions, and before and after surgical treatment.	1.1.2,1.1.9,2.3.2, 2.4.3,2.5.2	1	A,B
Explains the effects of music before and after surgery	1.1.2,1.1.9,2.3.2, 2.4.3,2.5.2	1	A,B
Describes the types of music used in music therapy	1.1.2,1.1.9,2.3.2, 2.4.3,2.5.2	1	A,B

<b>Teaching Methods:</b>	1:Lecture
<b>Assessment</b>	A: Exam; B:Homework

<b>Methods:</b>	
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<b>COURSE CONTENT</b>		
<b>Week</b>	<b>Topics</b>	<b>Study Materials</b>
<b>1</b>	Introduction to Music Therapy and Neurologic Music Therapy	Lecture Notes
<b>2</b>	Music Therapy Approaches Used With Children	Lecture Notes
<b>3</b>	Music Therapy and Children With Autism	Lecture Notes
<b>4</b>	Mood Disorders in Adolescents and Music Therapy Usage	Lecture Notes
<b>5</b>	Music and Memory Program	Lecture Notes
<b>6</b>	Uses of music before and after surgical treatments	Lecture Notes
<b>7</b>	Effects of music on rhythmic psychomotor domain	Lecture Notes
<b>8</b>	Midterm exam	
<b>9</b>	Uses of music in neural system diseases	Lecture Notes
<b>10</b>	Music Therapy in Turkish Culture	Lecture Notes
<b>11</b>	Music Therapy by Region: Western and Far East Cultures	Lecture Notes
<b>12</b>	Site visit (Darüşşifa – Edirne)	
<b>13</b>	Music Therapy in the Military	Lecture Notes
<b>14</b>	Final exam	

<b>RECOMMENDED SOURCES</b>	
<b>Textbook</b>	Daniel J. Levitin, İng Çev. Ali Sinan Çulhaoğlu "Müziğin Etkisindeki Beyin"
<b>Additional Resources</b>	<ul style="list-style-type: none"> <li>Turabi Hakkı Ahmet,İbni Sina (Kitabu's Şifa) ,Litera Yayıncılık,2008,İst.</li> <li>Turabi Hakkı Ahmet İbni Sina (Musiki), Litera Yayıncılık,2004,İst.</li> <li>İbni Sina (Çağların Lokman Hekimi Bir Filozof), Parola yayıncılık, 2015,İst.</li> <li>Farabi (Filozofların Babası),Parola Yayınları,2015,İst.</li> <li>Biruni ( Dünyanın Paylaşmadığı Şifa Uzmanı İlim Adamı),Parola yayınları,2015, İst.</li> <li>Dr.Alev Aktürk Demir (A'dan Z'ye Hastalıklar.Tanım-Belirtiler-Tedavi),Ozan yayıncılık,2011,İst.</li> </ul>

MATERIAL SHARING	
<b>Documents</b>	Slides and lecture notes will be shared
<b>Assignments</b>	Shared
<b>Exams</b>	Not shared

<b>COURSE CATEGORY</b>	Free Elective
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COURSES CONTRIBUTION TO PROGRAM					
COMPETENCE AREA-1 / Professional Practices	Contribution				
COMPETENCE 1.1. Health Service Provider	1	2	3	4	5
<b>Competency 1.1.1.</b> Integrates knowledge, skills, and attitudes acquired from basic and clinical medical sciences, behavioral sciences, and social sciences to provide health services.					
<b>Competency 1.1.2.</b> Demonstrates a biopsychosocial approach that considers the individual's sociodemographic and sociocultural background without discrimination based on language, religion, race, or gender in patient management.				X	
<b>Competency 1.1.3.</b> Prioritizes the protection and improvement of individuals' and community's health in the delivery of healthcare services.					
<b>Competency 1.1.4.</b> Performs the necessary actions in the direction of maintaining and improving the state of health as considering the individual, social, social and environmental factors affecting health.					
<b>Competency 1.1.5.</b> Provides health education to healthy/ill individuals and their families, as well as to other healthcare professionals, by recognizing the characteristics, needs, and expectations of the target audience.					
<b>Competency 1.1.6.</b> Demonstrates a safe, rational, and effective approach in the processes of protection, diagnosis, treatment, follow-up, and rehabilitation in health service delivery.					
<b>Competency 1.1.7.</b> Performs interventional and/or non-interventional procedures safely and effectively for the patient in the processes of diagnosis, treatment, follow-up, and rehabilitation.					
<b>Competency 1.1.8.</b> Provides healthcare services considering patient and employee health and safety.					
<b>Competency 1.1.9.</b> Considers changes related to the physical and socio-economic environment at both regional and global scales that affect health, as well as changes in the individual characteristics and behaviors of those who seek healthcare services.			X		
COMPETENCE AREA-2 / Professional Values and Approaches	Contribution				
COMPETENCE 2.1. Adopting Professional Ethics and Principles	1	2	3	4	5
<b>Competency 2.1.1.</b> Considers good medical practices while performing the profession.					
<b>Competency 2.1.2.</b> Fulfills duties and obligations within the framework of ethical principles, rights, and legal responsibilities required by the					

profession.					
<b>Competency 2.1.3.</b> Demonstrates determined behavior in providing high-quality healthcare while considering the patient's integrity.					
<b>Competency 2.1.4.</b> Evaluates own performance in professional practices by considering own emotions and cognitive characteristics.					
<b>COMPETENCE 2.2. Health Advocate</b>					
<b>Competency 2.2.1.</b> Advocates for the improvement of healthcare service delivery by considering the concepts of social accountability and social responsibility in the protection and enhancement of community health.					
<b>Competency 2.2.2.</b> Plans and implements service delivery, education, and counseling processes related to individual and community health, in collaboration with all stakeholders, for the protection and improvement of health.					
<b>Competency 2.2.3.</b> Evaluates the impact of health policies and practices on individual and community health indicators and advocates for the improvement of healthcare quality.					
<b>Competency 2.2.4.</b> Gives importance to protecting and improving own physical, mental, and social health and takes necessary actions for it.					
<b>COMPETENCE 2.3. Leader-Manager</b>					
<b>Competency 2.3.1.</b> Demonstrates exemplary behavior and leadership within the healthcare team during service delivery.					
<b>Competency 2.3.2.</b> Utilizes resources in a cost-effective, socially beneficial, and compliant manner with regulations in the planning, implementation, and evaluation processes of healthcare services as the manager in the healthcare institution.			X		
<b>COMPETENCE 2.4. Team Member</b>					
<b>Competency 2.4.1.</b> Communicates effectively within the healthcare team and takes on different team roles as necessary.					
<b>Competency 2.4.2.</b> Displays appropriate behaviors while being aware of the duties and responsibilities of healthcare workers within the healthcare team.					
<b>Competency 2.4.3.</b> Works collaboratively and effectively with colleagues and other professional groups in professional practice.			X		
<b>COMPETENCE 2.5. Communicator</b>					
<b>Competency 2.5.1.</b> Communicates effectively with patients, their families, healthcare professionals, and other occupational groups, institutions and organizations.					
<b>Competency 2.5.2.</b> Communicates effectively with individuals and groups who require a special approach and have different sociocultural characteristics.				X	
<b>Competency 2.5.3.</b> Demonstrates a patient-centered approach that involves the patient in decision-making mechanisms during the diagnosis, treatment, follow-up, and rehabilitation processes.					
<b>COMPETENCE AREA-3 / Professional and Personal Development</b>	<b>Contribution</b>				
<b>COMPETENCE 3.1. Scientific and Analytical Approach</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Competency 3.1.1.</b> Plans and implements scientific research, as necessary, for the population it serves, and utilizes the results obtained, as well as those from other research, for the benefit of the community.					
<b>Competency 3.1.2.</b> Accesses and critically evaluates current literature related to their profession.					

<b>Competency 3.1.3.</b> Applies evidence-based medicine principles in the clinical decision-making process.					
<b>Competency 3.1.4.</b> Uses information technologies to enhance the effectiveness of healthcare, research, and education activities.					
<b>COMPETENCE 3.2. Lifelong Learner</b>					
<b>Competency 3.2.1.</b> Manages effectively individual study processes and career development.					
<b>Competency 3.2.2.</b> Demonstrates skills in acquiring, evaluating, integrating new information with existing knowledge, applying to professional situations, and adapting to changing conditions throughout professional career.					
<b>Competency 3.2.3.</b> Selects the right learning resources to improve the quality of health care and organizes the learning process.					

<b>ASSESSMENT</b>		
<b>IN-TERM STUDIES</b>	<b>NUMBER</b>	<b>PERCENTAGE</b>
Midterm	1	25
Assignments (Homework)	1	25
Final Exam		50
<b>Total</b>		100
<b>CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE</b>		50
<b>CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE</b>		50
<b>Total</b>		100

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION			
Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Lectures	11	2	22
Independent learning	10	2	20
Homework	1	8	8
Site visit	1	6	6
Mid-term exam	1	2	2
Final exam	1	2	2
Total Work Load			60
Total Work Load / 30 (h)			2
ECTS Credit of the Course			2