

**Vocational School / Audiometry**

**2024 - 2025 Academic Year**

**BASIC AUDIOMETRIC TESTS**

**Syllabus**

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
BASIC AUDIOMETRIC TESTS	ODY1142610	Fall Semester	2+0	2	6
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	Short Cycle (Associate's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Prof.Dr. Mustafa Bülent ŞEBETÇİOĞLU				
<b>Name of Lecturer(s)</b>	Assoc.Prof. Oğuz YILMAZ				
<b>Assistant(s)</b>					
<b>Aim</b>	To teach audiometric tests and their applications.				
<b>Course Content</b>	This course contains; Basic audiological assessment tools,Pure tone audiometry test technique - I,Pure tone audiometry test technique - II,Speech audiometry test technique,Masking in pure tone audiometry - I,Masking in pure tone audiometry - II,Masking in speech audiometry - I,Masking in speech audiometry - II,Tympanometry test tool,Tympanometry testing parameters,Acoustic reflex testing,Hearing loss,Audiometric tests in hearing loss - I,Audiometric tests in hearing loss - II.				
<b>Course Learning Outcomes</b>		<b>Teaching Methods</b>	<b>Assessment Methods</b>		
Defines the operating principles and basic features of audiological equipment.		16, 9	A		
Interprets pure tone and speech audiometry.		16, 9	A		
Interprets the acoustic immittance test.		16, 9	A		
It basically explains the anatomical structure of the ear.		16, 9	A		
List the degrees and types of hearing losses.		16, 9	A		
<b>Teaching Methods</b>	16: Question - Answer Technique, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Basic audiological assessment tools	No preparation			
2	Pure tone audiometry test technique - I	Preparation of the related subject from the recommended sources			
3	Pure tone audiometry test technique - II	Preparation of the related subject from the recommended sources			
4	Speech audiometry test technique	Preparation of the related subject from the recommended sources			
5	Masking in pure tone audiometry - I	Preparation of the related subject from the recommended sources			
6	Masking in pure tone audiometry - II	Preparation of the related subject from the recommended sources			
7	Masking in speech audiometry - I	Preparation of the related subject from the recommended sources			
8	Masking in speech audiometry - II	Preparation of the related subject from the recommended sources			
9	Tympanometry test tool	Preparation of the related subject from the recommended sources			
10	Tympanometry testing parameters	Preparation of the related subject from the recommended sources			
11	Acoustic reflex testing	Preparation of the related subject from the recommended sources			
12	Hearing loss	Preparation of the related subject from the recommended sources			
13	Audiometric tests in hearing loss - I	Preparation of the related subject from the recommended sources			
14	Audiometric tests in hearing loss - II	Preparation of the related subject from the recommended sources			
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

<b>Resources</b>
Powerpoint presentations and word files.1) Temel Odyoloji, Editör:Erol Belgin ve Sanem Şahlı, Güven Kitabevi, 2014. 2) Otoloji ve Nöro-otoloji, Editör: Onur Çelik, Cilt 1 ve 2, 2013. 4) Kulak Burun Boğaz Hastalıkları ve Baş ve Boyun Cerrahisi, Editör: Onur Çelik, 2. Baskı, 2009 3) The Hearing Sciences. Teri A. Hamill, Lloyd L. Price, Plural Publishing, 2008. 5) Essential Otolaryngology, K.J. Lee (Türkçe çevirisi) 2004. 6) Kulak Burun Boğaz Hastalıkları ve Baş-Boyun Cerrahisi. Editör: C.Koç Güneş Kitabevi, 2004. 7) Handbook of Clinical Audiology,Editör: Katz Jack, 6th ed, Wolters Kluwer Health/Lippincott Williams & Wilkins, 2009.