

Vocational School / Audiometry
2024 - 2025 Academic Year
HEARING AIDS and EARMOLDS I
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
HEARING AIDS and EARMOLDS I	ODY2113736	Fall Semester	2+2	3	6
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator	Lect. Caner YATMAZ				
Name of Lecturer(s)	Lect. Büşra Nur ESER				
Assistant(s)					
Aim	To have information about hearing aid selection criteria in adults, hearing aid adjustments and follow-up of patients with hearing aids.				
Course Content	This course contains; Communication disorders and rehabilitation concepts,Hearing rehabilitation program and basic steps,Effects of the cochlear dysfunction and frequency selectivity,Assessment of the hearing impaired patient,Hearing losses which can be rehabilitated using hearing aids,Basic elements of the hearing aids,Hearing aids types and usage for different types of hearing losses,Basic properties of personal hearing aids specifications and differences,Methods for choosing a hearing aid (Real-Ear Methods),Selection and validation of hearing aids,Evaluation and preparation of the correct ear molds,Personal fitting of hearing aids, CROS, BICROS and other unconventional hearing aids,General assessment.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Defines hearing aids and their basic features.			16, 9	A	
Uses appropriate hearing aid selection.			16, 9	A	
Comments on the preparation of hearing aid molds.			16, 9	A	
Recognizes the application of different types of hearing aids.			16, 9	A	
Practices the assembly of different types of hearing aids.			16, 9	A	
Teaching Methods	16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Communication disorders and rehabilitation concepts	No preparation			
2	Hearing rehabilitation program and basic steps	Preparation of the related subject from the recommended sources			
3	Effects of the cochlear dysfunction and frequency selectivity	Preparation of the related subject from the recommended sources			
4	Assessment of the hearing impaired patient	Preparation of the related subject from the recommended sources			
5	Hearing losses which can be rehabilitated using hearing aids	Preparation of the related subject from the recommended sources			
6	Basic elements of the hearing aids	Preparation of the related subject from the recommended sources			
7	Hearing aids types and usage for different types of hearing losses	Preparation of the related subject from the recommended sources			
8	Basic properties of personal hearing aids specifications and differences	Preparation of the related subject from the recommended sources			
9	Methods for choosing a hearing aid (Real-Ear Methods)	Preparation of the related subject from the recommended sources			
10	Selection and validation of hearing aids	Preparation of the related subject from the recommended sources			
11	Evaluation and preparation of the correct ear molds	Preparation of the related subject from the recommended sources			
12	Personal fitting of hearing aids	Preparation of the related subject from the recommended sources			
13	CROS, BICROS and other unconventional hearing aids	Preparation of the related subject from the recommended sources			
14	General assessment	Preparation of the related subject from the recommended sources			
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			
Resources					
Powerpoint presentations and word files Basic Audiology, Editor: Erol Belgin, 1st Edition 2015, (Pages 467-534) Audiology Clinical Practice Protocols, Editors: Gonca Sennaroğlu, Esra Yücel, Meral Didem Türkyılmaz, Betül Çiçek Çınar, Merve Batuk, 2018, (Pages 77-97) Tests, Diagnosis and Treatment of Hearing Loss, Editor: Bülent Şerbetçioğlu, 2021, (Pages 413-483) Handbook of clinical audiology, Translation editor: Bülent Gündüz, 7th Edition 2022, (Pages 703-834)					