



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Audiology & Speech Pathology Department

AS351 Audiological Evaluation 1

First Semester 2023-2024

Course Catalog

3 Credit Hours. Studying the techniques and interpretation of conventional hearing investigations: pure-tone audiometry, masking, tympanometry, and speech audiometry. Interpretation and reporting the results of hearing assessment for medical legal aspects.

Teaching Method: On Campus

Text Book

Title	Handbook of clinical audiology
Author(s)	Katz J. Handbook of clinical audiology
Edition	7th Edition
Short Name	Ref#1
Other Information	

Instructor

Name	Dr. Hana' ALMohammad
Office Location	-
Office Hours	
Email	haalmohammad8@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Mon, Wed : 08:30 - 10:00
Room: NORTH HALL

Prerequisites		
Line Number	Course Name	Prerequisite Type
1142250	AS225 Anatomy And Physiology Of Hearing	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Case history	From Ref#1
Week 2	Otoscopic Examination	From Ref#1
Week 3	PTA/ Air conduction	From Ref#1
Week 4	PTA/Bone conduction	From Ref#1
Weeks 5, 6	PTA/ air masking	From Ref#1
Weeks 7, 8	PTA/ bone masking	From Ref#1
Week 9	Speech audiometry/ SRT	From Ref#1
Week 10	Speech audiometry/ WRS	From Ref#1
Week 11	Acoustic immittance	From Ref#1
Weeks 12, 13	Tympanometry	From Ref#1
Weeks 13, 14	Report writing and review	From Ref#1

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Identify basic diagnostic and screening procedures of the auditory mechanism	20%	
Appropriately record the results of an audiological evaluation on an audiogram	20%	
Perform basic audiogram interpretation	20%	
Discuss basic approaches to managing auditory (and related) disorders	20%	
To apply basic diagnostic and screening clinical procedures of the auditory mechanism	20%	

Relationship to Program Student Outcomes (Out of 100%)					
PLO1	PLO2	PLO3	PLO4	PLO5	PLO6

Evaluation	
Assessment Tool	Weight

Midterm Exam	40%
Quizzes	10%
Final Exam	50%

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