



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

AS362 Hearing Aids

Second Semester 2023-2024

**Course Catalog**

2 Credit Hours. This course will provide students with different topics related to amplification. Electroacoustic analysis, ear impressions, types of hearing aids, ear molds, and determining candidacy.

**Teaching Method:** On Campus

**Text Book**

<b>Title</b>	Hearing aids.
<b>Author(s)</b>	Harvey Dillon
<b>Edition</b>	3rd Edition
<b>Short Name</b>	Ref#1
<b>Other Information</b>	

**Instructor**

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

**Class Schedule & Room**

Section 1:  
Lecture Time: Mon, Wed : 15:30 - 16:30  
Room: N1301

Prerequisites		
Line Number	Course Name	Prerequisite Type
1143512	AS351 Audiological Evaluation 1	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction, history and basic of hearing aids	From Ref#1
Weeks 2, 3	Electroacoustic analysis	From Ref#1
Week 4	Determining candidacy	From Ref#1
Week 5	Ear impressions	From Ref#1
Weeks 6, 7	Types of hearing aid circuits	From Ref#1
Weeks 8, 9	Directional /CROS/ prescriptive methods	From Ref#1
Week 10	Digital- programmable hearing aids	From Ref#1
Week 11	Ear molds	From Ref#1
Weeks 12, 13	Verifications- functional gains	From Ref#1
Weeks 14, 15	Troubleshooting	From Ref#1
Week 16	Case studies discussion and revision	From Ref#1

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Gain knowledge of basic concepts, principles, and rationales involved in hearing aid fitting.	25%	
Demonstrate understanding and knowledge of both qualitative and quantitative measures used in the assessment for hearing aid candidacy.	25%	
Demonstrate understanding and knowledge of both qualitative and quantitative validation measures used to assess the outcomes of the hearing aid fitting	25%	
Demonstrate the ability to apply clinical assessment tools for hearing aid fitting	25%	

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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