



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

AS321 Diseases Of Ear, Nose & Throat

First Semester 2021-2022

**Course Catalog**

2 Credit Hours. This course provides a study of disorders affecting the auditory system, for adults and children. Both audiological and medical aspects of auditory diseases associated with disorders of the peripheral and central auditory system will be covered during this course

**Text Book**

<b>Title</b>	Disorders of the Auditory System
<b>Author(s)</b>	Musiek, Frank E; Baran, Jane A; Shinn, Jennifer B
<b>Edition</b>	10th Edition
<b>Short Name</b>	Ref1
<b>Other Information</b>	<a href="https://www.pluralpublishing.com/publication_das.htm">https://www.pluralpublishing.com/publication_das.htm</a>

**Instructor**

<b>Name</b>	<b>Dr. Maha Zaitoun</b>
<b>Office Location</b>	-
<b>Office Hours</b>	Sun : 11:00 - 13:00 Mon : 13:00 - 14:00 Tue : 14:15 - 16:00 Thu : 11:15 - 12:30
<b>Email</b>	mmzaitoun@just.edu.jo

**Class Schedule & Room**

Section 1:

Lecture Time: Sun : 13:00 - 14:00

Room: M4203

Section 2:

Lecture Time: Tue : 13:00 - 14:00

Room: M4203

**Prerequisites**

Line Number	Course Name	Prerequisite Type
172020	LM202 Pathology	Prerequisite / Study
1142250	AS225 Anatomy And Physiology Of Hearing	Prerequisite / Study

**Tentative List of Topics Covered**

Weeks	Topic	References
Week 1	Review of the anatomy of the auditory system	<b>chapter 2</b> From <b>Ref1</b>
Week 2	Diseases of the Ear Canal: Hyperceruminosis, Foreign Bodies Malformation of the external ear	<b>chapter 4, ?</b> <a href="https://www.youtube.com/watch?v=gQuzmj-5pjc">https://www.youtube.com/watch?v=gQuzmj-5pjc</a> From <b>Ref1</b>
Week 3	Diseases of the external ear: Otitis Externa	<b>chapter 4</b> From <b>Ref1</b>
Week 3	Diseases of the middle ear: Otitis media	<b>chapter 4</b> From <b>Ref1</b>
Week 4	Diseases of the middle ear: Otitis media	<b>chapter 4</b> From <b>Ref1</b>
Week 4	Disease of the middle ear: Cholesteatoma	<b>chapter 4</b> From <b>Ref1</b>
Week 5	Disease of middle ear: Otosclerosis	From <b>Ref1</b>
Week 5	Disease of the middle ear : Glomus tumor	<b>chapter 4</b> From <b>Ref1</b>
Week 6	Disease of inner ear: noise induced hearing loss	From <b>Ref1</b>
Week 6	Disease of inner ear: sudden SNHL	From <b>Ref1</b>
Week 7	Disease of inner ear:(presbycusis)	<b>chapter 5</b> From <b>Ref1</b>
Week 8	Disease of inner ear: Meniere?s Disease	From <b>Ref1</b>

Week 9	Disease of inner ear: Ototoxicity	From Ref1
Week 10	Disease of inner ear: superior semi circular canal dehiscence	From Ref1
Week 11	Disease of inner ear: Tinnitus	chapter 8 From Ref1
Week 12	Auditory processing disorder	chapter 8 From Ref1

<b>Mapping of Course Outcomes to Program Student Outcomes</b>	<b>Course Outcome Weight (Out of 100%)</b>	<b>Assessment method</b>
Acquire the knowledge for a range of disorders affecting the auditory system in adults, including causes, signs and symptoms	15%	
Acquire the knowledge of a range of disorders affecting the auditory system in children including causes, signs and symptoms	15%	
Discussing the expected results on a battery of widely used audiometric testing procedures for each of the disorders	20%	
Discussing the typical treatment methods and management plan including medical referral for each of the discussed ENT disorders	25%	
Building a comprehensive idea about each of the disorder and rough plan on how to deal with each disease/disorder in all the necessary directions (what are the testing batteries, the expected results, management plan)	25%	

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