

**Jordan University of Science and Technology**  
**Faculty of Applied Medical Sciences**  
**Department of Allied Medical Sciences**  
**Semester one 2007**  
**Course Syllabus**

<b>Course Information</b>	
<b>Course Title</b>	PEDIATRIC AUDIOLOGY
<b>Course Code</b>	AS 458
<b>Prerequisites</b>	AS 104
<b>Course Website</b>	
<b>Instructor</b>	Dr. Murad AL-Momani
<b>Office Location</b>	M5 level -4 Office 2
<b>Office Phone #</b>	02-7201000/ 23766
<b>Office Hours</b>	Thursday (03:30-04:30) or by appointment (23766)
<b>E-mail</b>	<a href="mailto:malmomani@just.edu.jo">malmomani@just.edu.jo</a>
<b>Teaching Assistant(s)</b>	NA
<b>Course Description</b>	
<p>This course aims at enabling the students to understand and be able to assess the hearing mechanism and value the importance of evaluating hearing abilities in this population. This course provides the latest information in the diagnosis and remediation of hearing loss in pediatric population. This course especially focuses on early identification of hearing loss.</p>	

<b>Textbook</b>	
<b>Title</b>	Contemporary perspectives in hearing assessment
<b>Author(s)</b>	MUSIEK & RINTELMANN
<b>Publisher</b>	ALLYN & BACON
<b>Year</b>	1999
<b>Edition</b>	2 <sup>nd</sup>
<b>Book Website</b>	
<b>Other references</b>	

<b>Assessment</b>		
<b>Assessment</b>	<b>Expected Due Date</b>	<b>Percentage</b>
<b>First Exam</b>	6 <sup>TH</sup> Week	25%
<b>Second Exam</b>	11 <sup>th</sup> week	25%

<b>Final Exam</b>	16 <sup>th</sup> week	40%
<b>Assignments</b>		
<b>Participation</b>		10%
<b>Attendance</b>		

<b>Course Objectives</b>	<b>Percentage</b>
1. Importance of pediatric hearing assessment	30%
2. different hearing assessment methods for pediatric population.	50%
3- newborn hearing screening and remediation.	20%

<b>Teaching &amp; Learning Methods</b>
Lectures, Data show (POWER POINT), demonstration, video tape presentations.

<b>Learning Outcomes:</b> Upon successful completion of this course, students will be able to		
1	To know the Importance of pediatric hearing assessment	Ch. 1
2	To know the different hearing assessment methods for pediatric population	Ch. 2
3	To know the newborn hearing screening and remediation	Ch. 3

<b>Useful Resources</b>
Text books, video tapes and power point presentation.

<b>Course Content</b>		
<b>Week</b>	<b>Topics</b>	<b>Chapter in Textbook (handouts)</b>
1	Introduction to pediatric audiology	Handouts
2	Developing an approach to pediatric audiology	Handouts

3	Assessment methods I	Handouts
4	Assessment methods II	Handouts
5	Importance of early diagnosis and intervention	Handouts
6	first examination	
7	Middle ear effusion and hearing loss	Handouts
8	Unilateral hearing loss	Handouts
9	Impact of congenital hearing loss	Handouts
10	Newborn hearing screening programs	Handouts
11	second examination	
12	Principles of hearing screening	Handouts
13	Legal ethical considerations	Handouts
14	amplification in the pediatric population	Handouts
15	Effect of hearing loss on language development in kids	Handouts
16	final examination	