



Jordan University of Science and Technology  
Faculty of Applied Medical Sciences  
Department of Rehabilitation Sciences  
2013-2014  
Course Syllabus

<b>Course Information</b>	
<b>Course Title</b>	Audiological Evaluation (2)
<b>Course Code</b>	AS 339
<b>Credit Hours</b>	3 (2 Theory 1 Practical)
<b>Instructor</b>	Dr. Mohammed Safa Nabulsi
<b>E-mail</b>	<a href="mailto:mmnabulsi@just.edu.jo">mmnabulsi@just.edu.jo</a>
<b>Course Description</b>	
<p>The course includes understanding the adult speech audiometry as well as the whole test battery for adults to diagnose the site of lesion in sensorineural hearing loss. Special attention is paid to the different subjective tests as well as the objective Oto-acoustic emissions and auditory evoked potential tests. Moreover special tests to diagnose non organic hearing loss will be discussed. In the practical part the students will be made familiar with the above mentioned tests, how to perform and interpret the tests as well as the ability to choose the tests combination.</p>	

<b>Textbook</b>	
<b>Title</b>	Handbook of clinical audiology,
<b>Author(s)</b>	Katz J.
<b>Publisher</b>	Williams & Wilkins Baltimore.
<b>Year</b>	1994
<b>Edition</b>	Fourth edition.

<b>Assessment</b>		
<b>First Exam Theory</b>		20
<b>First Exam Practical</b>		10
<b>Second Exam Theory</b>		20
<b>Second Exam Practical</b>		10
<b>Final Exam Theory</b>		27
<b>Final Exam Practical</b>		13
		100

<b>Course Objectives</b>	<b>Percentage</b>
1. Understanding the adult speech audiometry testing.	25
2. Understanding of the value and the whole procedure for site of lesion testing in adults as well as testing for non organic hearing loss.	25
3. The ability to choose the proper test combination for diagnostic purposes.	15
4. The ability to perform and interpret these tests.	35

<b>Teaching &amp; Learning Methods</b>
<ul style="list-style-type: none"> <li>• Power point presentation.</li> <li>• Labs</li> </ul>

<b>Title of the Lecture</b>
Introduction /The value of special tests in Audiology.
Speech audiometry
Speech audiometry
Tone Decay
Recruitment tests
Recruitment tests
Sisi Test
Bekesy Audiometry
Auditory evoked potentials
Otoacoustic Emissions
Special tests for non organic hearing loss

<b>Topic Practical</b>
Speech Reception test
Word Discrimination test
Word Discrimination test
Tone Decay
Recruitment tests ABLB
Sisi Test
Bekesy Audiometry
ABR for site of lesion
ABR for site of lesion
Otoacoustic Emissions
Stenger Test