



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

AS441 Aural Rehabilitation - JNQF Level: 7

First Semester 2023-2024

Course Catalog

3 Credit Hours. This course aims at giving the student the opportunity to understand Aural Rehabilitation, Auditory Verbal Therapy, Hearing Impairment, Hearing Impaired Children (characteristics, assessment & therapy approaches) and adult with hearing loss. Students will learn about the impact of hearing impairment on the development of speech, language, social, and functional aspect of an individual. Students will be introduced to different communication modalities and approaches of intervention for hearing impaired individuals. Particular Emphasis will be dedicated to Auditory Verbal Therapy to develop spoken language in hearing impaired children.

Teaching Method: On Campus

Text Book

Title	Auditory-verbal Therapy for Young Children with Hearing Loss and Their Families and the Practitioners Who Guide Them
Author(s)	Estabrooks, Warren MacIver-Lux, Karen Rhoades, Ellen A.
Edition	1st Edition
Short Name	Ref #1
Other Information	San Diego, CA : Plural Publishing, Inc. 2016

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref #2	Foundations of Aural Rehabilitation: Children, Adults and their Family members	Nancy Tye-Murray	4th Edition	Cengage Learning. 2015

Instructor

Name	Dr. Fadwa Khwaileh
Office Location	M5-L4#25

Office Hours	Sun : 10:30 - 11:30 Sun : 12:30 - 13:30 Mon : 10:30 - 11:30 Tue : 10:30 - 11:30 Tue : 12:30 - 13:30 Thu : 10:30 - 11:30
Email	fakhwaileh@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Sun, Tue, Thu : 11:30 - 12:30 Room: M4201

Prerequisites		
Line Number	Course Name	Prerequisite Type
1143422	AS342 Language Disorders	Prerequisite / Study
1143312	AS331 Articulation And Phonological Disorders	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Audiology review	From Ref #2
Week 2	Assessing hearing and speech recognition	From Ref #2
Week 3	Hearing impairment versus hearing Handicap+ effect of hearing on communication and quality of life	From Ref #2
Week 4	Definitions and Principals of Aural Rehabilitation services	From Ref #2
Week 5	Hearing aids and related technology	From Ref #2
Week 6	Principals of Auditory verbal Therapy (AVT)+Milestones in Auditory-Verbal Development	From Ref #1
Week 7	Learning Through Listening Hierarchy + sound-object association	From Ref #1
Week 8	Strategies and techniques in AVT + Coaching Parents and Caregivers in Auditory-Verbal Therapy	From Ref #1
Week 9	Assessment in Auditory-Verbal Therapy	From Ref #1
Week 10	Therapy sessions + Long term &short term goals in AVT	From Ref #1
Week 11	Aural Rehabilitation for Adults with hearing loss	From Ref #2
Week 12	Conversational strategies training	From Ref #2

Week 13	Auditory Training and Speech reading	From Ref #2
Week 14	Students case study presentation	From Ref #1, From Ref #2

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Understand hearing impairment and its effects on all aspects of life of hearing impaired children and adults. [3PLO1, 1PLO5, 1PLO6] [3L7K1, 1L7S2, 1L7C4]	5%	
Distinguish between Auditory Verbal Therapy and other Aural rehabilitation programs. [5PLO1, 3PLO2, 2PLO6]	10%	
Understand the basic elements and philosophy of auditory verbal therapy approach for the management of children with hearing impairment.	20%	
Understand principles of aural rehabilitation for adults.	10%	
Demonstrate basic knowledge of types and models of hearing aids, cochlear implants, and assistive hearing technology, their components and functions.	10%	
Counsel families of hearing impaired children and adults.	10%	
Understand speech and language development in children with hearing impairment.	10%	
Demonstrate knowledge of hearing evaluation and assessment of auditory skills in children and adults with hearing loss.	10%	
Apply the proper intervention plans for children and adults with hearing loss	15%	

Relationship to Program Student Outcomes (Out of 100%)					
PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
8	3			1	3

Relationship to NQF Outcomes (Out of 100%)		
L7K1	L7S2	L7C4
3	1	1

Policy	
Statement on Professionalism	Professional behavior is expected of students at all times. Attitude and professional behavior are a minimum criterion for passing this class. Repeated lack of professional behavior will result in failure of the course. Examples of unprofessional behavior include but are not limited to: missing classes (see attendance policy), tardiness, lack of attention for a speaker, talking to others during lecture, passing food during lecture, leaving a lecture prior to its completion without prior authorization of the instructor, working on other class material during class, inappropriate dress for labs, and sleeping during class.

Cheating	All assignments and learning activities should be of the student's own work unless instructed differently. The instructor will follow JUST's roles and regulation in the cases of cheating in an exam and/or plagiarism.
Cell Phone	Please do not use cell phones or pagers in class. If you are depended upon for anticipated emergencies please put cell phones on vibration mode and answer the phone outside the classroom.
Attendance	Attendance will not count for points in this class, however attending the lectures and labs will greatly enhance your grade. The student is responsible for any information discussed in lecture and lab sessions. It is imperative to attend all classes!
Absences	According to Student Manual (Item 8: B, C & D), students are not allowed to be absent for more than 10% of lectures without any official excuse (and more than 20% with an official excuse). If a student exceeds either cases, he or she will not be allowed to sit for future course exams and will be dropped electronically from the class unless the student had already withdrew from the course (according to item 13: B).
Make-up	Make-up will be granted in the following cases only: Official university activities (with proper documentation). ? Extenuating circumstances (PRIOR approval should be obtained or direct contact made with the instructor within 24 hours). ? Students should get official confirmation for these excuses from Assistant Dean of the Faculty of Applied Medical Sciences.
Feedback	Concerns, complaints, questions, and/or feedback are appreciated and will be important for the instructor. You can contact your instructor during office hours or using the e-mail: fakhwaileh@just.edu.jo

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