



## Course Syllabus

1	Course title	Medical Aspects of Speech-Language Disorders	
2	Course number	1804323	
3	Credit hours	2 (theory)	2 (theory)
	Contact hours (theory, practical)	2 (theory)	
4	Prerequisites/corequisites	1834320	
5	Program title	Bachelor of Hearing and Speech Sciences	
6	Program code	1804	
7	Awarding institution	The University of Jordan	
8	School	School of Rehabilitation Sciences	
9	Department	Department of Hearing and Speech Sciences	
10	Course level	Undergraduate/ Third year	
11	Year of study and semester (s)	2024/2025, First Semester	
12	Other department (s) involved in teaching the course	None	
13	Main teaching language	English	
14	Delivery method	<input checked="" type="checkbox"/> Face to face learning <input type="checkbox"/> Blended <input type="checkbox"/> Fully online	
15	Online platforms(s)	<input type="checkbox"/> Moodle <input type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input type="checkbox"/> Zoom <input type="checkbox"/> Others.....	
16	Issuing/Revision Date	6-10-2024	

### 17 Course Coordinator:

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Rank	Professor
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**18. Other instructors: NONE**

Name: **Khader J. Abdul-Baqi, MD, PhD**

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**19. Course Description:**

As stated in the approved study plan.

This course surveys a broad range of speech and language pathologies frequently encountered in medical facilities including hospitals, rehabilitation centers and skilled nursing facilities. These disorders includes aphasia, traumatic brain injury, dementia and right hemisphere brain damage, swallowing and voice and speech disorders (dysarthria, stuttering). The nature of these disorders and underlying bases will be surveyed and the role of the medical speech-language pathologist in their assessment and management.

**20. Course aims and outcomes:**



A- Aims: The major objective of this course is to provide the students with a basic knowledge of:

1. General Knowledge of medical terminology, settings, responsibilities, ethics and other health care personnel related to speech disorders.
2. Frequent ENT diseases related to speech, voice, and swallowing disorders.
3. Frequent neurological diseases related to speech disorders.
4. Cancer patients approach and rehab related to speech disorders.
5. Geriatric medicine

B- Students Learning Outcomes (SLOs):

Upon successful completion of this course, students will be able to:

SLOs CLOs of the course	SLO (1)	SLO (2)	SLO (3)	SLO (4)	SLO (5)
1- To demonstrate knowledge of the basic human communication processes, as well as the nature of speech, language, and hearing.	×				
2- To identify ongoing effectiveness of planned activity and modify it accordingly	×	×			
3- To apply the basic principles and methods of prevention, assessment and intervention for individuals with communication	×	×			
4. To apply the criteria of each assessment and intervention approach and accordingly choose the best technique for each individual case.		×			×
5- To solve clinical problems using critical thinking skills.		×		×	×



### Program SLOs:

1. Demonstrate deep knowledge of the basic human communication processes, as well as the nature of speech, language, and hearing.
2. Apply the basic principles and methods of prevention, assessment and intervention for individuals with communication disorders.
3. Write theses and reports to a professional standard, equivalent in presentational qualities to that of publishable papers.
4. To identify and apply the basic principles and methods of prevention, assessment and intervention for individuals with communication disorders.
5. Formulate specific and appropriate patient management plans. Furthermore, conduct appropriate diagnostic monitoring procedures, treatment, therapy or other actions safely and skilfully.
6. Write professional reports for patient with communication and hearing disorders.
7. Work, where appropriate, in partnership with other professionals, support staff, service users and their relatives.
8. Demonstrate understanding of ethical responsibility when working with patients with communication disorders and their families.
9. Demonstrate commitment to lifelong learning, teamwork, scientific research, analysis, interpretation.
10. Demonstrate the ability to think critically and solve problems, and use technology to monitor, manage, analyse, and transfer information to general knowledge and employ it for future use.

Demonstrate the ability to take responsibility and exercise their rights and duties within the value system of society and their public morals.

### 21. Topic Outline and Schedule:

Week	Lecture	Topic	Student Learning Outcome	Learning Methods (Face to Face/Blended/ Fully Online)	Platform	Synchronous/ Asynchronous Lecturing	Evaluation Methods	Resources
1	1.1	Medical sp. and language pathology: Scope of practice. personnel	<b>See aims and</b>	Face-to-Face	Face-to-Face	Synchronous	Evaluation, Participation	1,2

			outcomes				,Quizzes, Exams	
	1.2	Medical sp. and language pathology: Preparation, aides, organization, settings		All same	All same	All same	All same	
	1.3							
2	2.1	Medical sp. and language pathology: Scope of practice. personnel						1,2
	2.2	Medical sp. and language pathology: Preparation, aides, organization, settings						
	2.3							
3	3.1	Effects of Drug on comm.& swallowing disorders (dysphonia, speech and language, and swallowing).						1,2
	3.2	Effects of Drug on comm.& swallowing disorders (dysphonia, speech and language, and swallowing).						
	3.3							
4	4.1	Effects of Drug on comm.& swallowing disorders (dysphonia, speech and language, and 1,2swallowing).						1,2
	4.2	Effects of Drug on comm.& swallowing disorders (dysphonia, speech and language, and swallowing).						1,2
	4.3							

5	5.1	Medical ethics and the speech- language pathologist.						1,2
	5.2	Medical ethics and the speech- language pathologist.						1,2
	5.3							
6	6.1	Neurologic diseases: examination, tests.						1,2
	6.2	Neurologic diseases: examination, tests.						1,2
	6.3							
7	7.1	Neurologic diseases: diseases and management.						1,2
	7.2	Neurologic diseases: diseases and management.						1,2
	7.3							
8	8.1	Otolaryngology diseases: oral cavity, oropharynx, nasopharynx and sinuses						
	8.2	Otolaryngology diseases: oral cavity, oropharynx, nasopharynx and sinuses						1,2
	8.3							
9	9.1	Otolaryngology diseases: larynx: local and neurological disorders						1,2
	9.2	Otolaryngology diseases: larynx: local and neurological disorders						1,2
	9.3							
	10.1	Rehabilitation of the head and neck cancer patient:						1,2

10		anatomy, sites, symptoms,						
	10.2	Rehabilitation of the head and neck cancer patient: anatomy, sites, symptoms,						1,2
	10.3							
11	11.1	Rehabilitation of the head and neck cancer patient: multidisciplinary management.						1,2
	11.2	Rehabilitation of the head and neck cancer patient: multidisciplinary management.						1,2
	11.3							
12	12.1	Diseases affecting voice and swallowing: voice (laryngeal diseases)						1,2
	12.2	Diseases affecting voice and swallowing: voice (laryngeal diseases)						1,2
	12.3							
13	13.1	Endoscopy in voice and swallowing disorders						1,2
	13.2	Endoscopy in voice and swallowing disorders						1,2
	13.3							1,2
14	14.1	Endoscopy in voice and swallowing disorders						
	14.2	Geriatric medicine						1,2
	14.3							1,2
15	15.1	Geriatric medicine						1,2



	15.2	Geriatric medicine						1,2
	15.3							1,2

## 22. Evaluation Methods:

Opportunities to demonstrate achievement of the SLOs are provided through the following assessment methods and requirements:

Evaluation Activity	Mark	Topic(s)	SLOs	Period (Week)	Platform
Midterm Exam	30	Mid-term materials	<b>Topic Outline and Schedule</b>	7 <sup>th</sup> week	Face-to-face
Final Exam	50	Course materials	same	16 <sup>th</sup> week	Face-to-face
Evaluation, Participation, Quizzes	20	Participation, Quizzes	same		Course activities & quizzes

## 23. Course Requirements

(e.g: students should have a computer, internet connection, webcam, account on a specific software/platform...etc.):

- Data show
- Ear, Nose, Throat Examination Unit
- Audiology equipment: e.g., audiometer
- a computer, internet connection, webcam, account on a specific software/platform...etc)

## 24. Course Policies:

- Attendance policies:

- Attendance will be taken periodically throughout the semester.
- Students are expected to attend and actively participate in all classes.
- Students are expected to be on time.





- When the student is unable to attend class, it is a courtesy to notify the instructor in advance using either e-mail or phone.
- Repeated tardiness or leaving early will not be accepted.
- Students who miss class (or any portion of class) are responsible for the content. Any student who misses a class has the responsibility for obtaining copies of notes, handouts, assignments, etc. from class members who were present. If additional assistance is still necessary, an appointment should be scheduled with the instructor. Class time is not to be used to go over material with students who missed class(es).
- An absence of more than 15% of all the number of classes, which is equivalent of ( 6 ) classes, requires that the student provides an official excuse to the instructor and the dean.
- If the excuse was accepted the student is required to withdraw from the module.
- If the excuse was rejected the student will fail the module and mark of zero will be assigned as suggested by the laws and regulations of the University of Jordan. Please refer to pages 133, 134 of the student handbook.

B- Absences from exams and handing in assignments on time:

- The instructor will not do any make-up exams.
- Exceptions for make-up exams and late submission of class assignments will be made on a case-by-case basis for true personal emergencies that are described as accepted by the regulations of UJ (e.g., documented medical, personal, or family emergency).
- Make-up exams will be arranged if justifications for missing the exam satisfy the above. It is the student's responsibility to contact the instructor within 24 hours of the original exam to schedule a make-up session. A make-up exam should be taken within a week from the original exam date, unless the student can provide documentation that makes meeting that deadline impossible; otherwise, the recorded score for that exam for the student will be a zero.
- Late assignments will not be accepted and submission of assignments (due to unjustified absence from class) by other students will not be accepted regardless of how much work the student put into its preparation.

C- Health and safety procedures:

- Students will not be in direct contact with patients during this course.
- Students are not expected to use any heavy tools or equipment that might impose health and safety issues during this course.
- Students should work safely, including being able to select appropriate hazard control and risk management, reduction or elimination techniques in a safe manner in accordance with health and safety legislation.
- Students should understand the importance of and be able to maintain confidentiality.
- Students should understand the importance of and be able to obtain informed consent.
- Students should know the limits of their practice and when to seek advice or refer to another professional

D- Honesty policy regarding cheating, plagiarism, misbehavior:



- Students are expected to observe all University guidelines pertaining to academic misconduct.
- Any work submitted by a student for academic credit must be the student's own work. Submission of work taken directly from another source (e.g., book, journal, internet, clinic forms, or another student work) will be considered plagiarism and the student/group will get a zero grade for that work if part of an assignment. In addition, if copying occurred, both the student who copied the work and the student who gave material to be copied (if applicable) will receive a zero for the assignment.
- Students are expected to do work required for assignments on their own. Asking other instructors at the JU clinic or the staff, or other students to assist in or do any part of the assignment for them will negatively affect their grade on that assignment. The course instructor is the person the student needs to talk to if s/he has any difficulties pertaining to an assignment or project and is strongly encouraged to schedule an appointment with the instructor if such difficulties arise during the semester.
- Course materials prepared by the instructor, together with the content of all lectures and review sessions presented by the instructor are the property of the instructor. Video and audio recording of lectures and review sessions without the consent of the instructor is prohibited.
- Any forms of academic misconduct will be handled according to the University of Jordan guidelines.

#### E- Grading policy:

Grading for this course will be determined based upon the accumulation of points for variety of assignments and exams. All work will be evaluated on completeness, organization, clarity of information, and the integration and application of the material.

#### F- Available university services that support achievement in the course:

The University of Jordan provides many services to support social, health, and mental well-being of students in general and students with disabilities in specific. Students are advised to visit the Faculty of Students Affairs to learn more about those services. If you are a student with a disability for which you may request accommodations, please notify the staff of Services for Student with Disabilities (Faculty of Students Affairs) as soon as possible. Please also contact the instructor as soon as possible (email is acceptable) so the appropriate accommodations for this course can be made in the course:

## 25. References:

A- Required book(s), assigned reading and audio-visuals:

Main Reference/s

A- References :



1. Johnson, A., & Jacobson, B. (1998). Medical Speech- Language Pathology: A Practitioner's Guide. Thieme, New York, USA.
2. Lee Ann C. Golper (1998). Source Book for Medical Speech Pathology. Singular Publishing Group, INC. San DIEGO. London.

B- Recommended books, materials, and media:

3. Cummings otolaryngology i-Head & Neck Surgery 5<sup>th</sup> Ed (2010). Mosby Inc. Philadelphia, PA

## 26. Additional information:

Name of Course Coordinator: Prof. Yaser Natour Signature: Y.N. Date: 6/10/2024.

Name of the Head of Quality Assurance Committee/ Department Sara Alhanbali .....	Signature: SH.....	Date: 24/10/2024
Name of the Head of Department Sara Alhanbali .....	Signature: SH.....	Date: 24/10/2024
Name of the Head of Quality Assurance Committee/ School or Center Prof. Kamal Al Hadidi	Signature: KAH .....	Date: 24/10/2024
Name of the Dean or the Director Prof. Kamal Al Hadidi	Signature: KAH.....	Date: 24/10/2024