



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

AS232 Neurogenic Speech Disorders

Second Semester 2023-2024

Course Catalog

2 Credit Hours. This course provides an overview about the human motor system giving students basic understanding of the motor system if they are to accurately diagnose and treat motor speech disorders. Providing procedures to evaluate these disorders including a step-by-step explanation of the motor speech examination. Covering the six pure dysarthrias, mixed dysarthria, and apraxia of speech.

Teaching Method: On Campus

Text Book

Title	Motor speech disorders: diagnosis and treatment. plural publishing.
Author(s)	Freed, D. B.
Edition	2nd Edition
Short Name	Textbook 1
Other Information	2023

Instructor

Name	Dr. MAZIN ALQHAZO
Office Location	Faculty of Applied Medical Sciences-L2
Office Hours	
Email	mtqhazo@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Sun, Tue : 13:30 - 14:30
Room: M4201

Prerequisites		
Line Number	Course Name	Prerequisite Type
1141220	AS122 Medical Speech Pathology	Prerequisite / Study
1142213	AS221 Anatomy And Physiology Of Speech	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	The motor System	From Textbook 1
Week 2	Evaluation of speech DISORDERS	From Textbook 1
Week 3	Flaccid Dysarthria	From Textbook 1
Week 4	Spastic Dysarthria	From Textbook 1
Week 5	Unilateral Upper Motor Neuron Dysarthria	From Textbook 1
Week 6	Ataxic Dysarthria	From Textbook 1
Week 7	Hypokinetic Dysarthria	From Textbook 1
Week 8	Hyperkinetic Dysarthria	From Textbook 1
Week 9	Mixed Dysarthria	From Textbook 1
Week 10	Apraxia of Speech	From Textbook 1
Week 11	Assessment	From Textbook 1
Week 12	Assessment	From Textbook 1
Week 13	Assessment	From Textbook 1
Week 14	Treatment	From Textbook 1
Week 15	Treatment	
Week 14	Treatment	
Week 16	Treatment	

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Identify the parts of the nervous system that control the voluntary movement	25%	
Understand the basic methods of evaluating motor speech disorders: instrumentation and perceptual analysis.	25%	
Discuss the neurologic basis for each motor speech disorder, the most common causes, and the various speech characteristics	25%	
Discuss the available treatment options for each motor speech disorder	25%	

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

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