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

AS456 Vestibular Assessment
Second Semester 2023-2024

Course Catalog
2 Credit Hours. This course discusses clinical procedures used to evaluate balance (with more focus on the vestibular system) as well as presentation, identification, and management of common pathologies affecting balance.
Teaching Method: On Campus

Text Book	
Title	Balance Function Assessment and Management
Author(s)	Jacobson G.
Edition	2nd Edition
Short Name	Ref#1
Other Information	

Instructor	
Name	**Dr. Hana' ALMohammad**
Office Location	-
Office Hours	
Email	haalmohammad8@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Sun, Tue : 10:30 - 11:30 Room: M3301

Prerequisites		
Line Number	**Course Name**	**Prerequisite Type**
1143522	AS352 Audiological Evaluation 2	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	**Topic**	**References**
Weeks 1, 2	Practical anatomy and Physiology of the Vestibular System and ocular motor system	From **Ref#1**
Weeks 3, 4	Principles and techniques of electro-oculography	From **Ref#1**
Weeks 5, 6	Interpretation of ocular motility testing	From **Ref#1**
Weeks 6, 7	Technique, interpretation, and usefulness of positional and positioning testing	From **Ref#1**
Week 8	Caloric testing	From **Ref#1**
Week 9	Caloric testing interpretation	From **Ref#1**
Week 10	Rotational testing	From **Ref#1**
Week 11	Interpretation of rotational testing	From **Ref#1**
Week 12	Postural control testing	From **Ref#1**
Week 13	Interpretation of postural control testing	From **Ref#1**
Week 14	Review and case studies	From **Ref#1**

Mapping of Course Outcomes to Program Outcomes	**Course Outcome Weight (Out of 100%)**	**Assessment method**
Explain the structures and functions of the Vestibular system as they apply to daily activities	20%	
Study pathologies affecting human balance	20%	
Gain knowledge of the management of vestibular disorders	20%	
Demonstrate understanding of how the Central Nervous System controls and compensates for the vestibular system lesions	20%	
Demonstrate application of clinical identification and diagnosis of vestibular lesions.	20%	

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

Evaluation	
Assessment Tool	**Weight**
Midterm Exam	40%

Quizzes	10%
Final Exam	50%

Date Printed: 2024-03-30