



Jordan University of Science and Technology
 Faculty of Applied Medical Sciences
 Department of Rehabilitation Sciences
 Second Semester 2016-2017
 Course Syllabus

Course Information	
Course Title	Neurogenic Speech Disorders
Course Code	AS 232
Prerequisites	AS 122, AS 221
Course Website	JUST E-learning
Instructor	DR. FIRAS ALFAWARES
Office Location	Faculty of Applied Medical Science N3 level1
Office Phone #	
Office Hours	-
E-mail	fsalfwaress@just.edu.jo
Teaching Assistant(s)	
Course Description	
<p>The course introduces basic knowledge of the nervous system as well as the specific central and peripheral neural regions involved in speech and language processing especially sensory, motor, and cognitive processing. The course also focuses on studying neurogenic speech & language disorders caused by neurological disorders especially strokes. The course provides familiarization with diagnosis, assessment, and treatment of the various speech and language abnormalities associated with various types of aphasia, motor speech disorders, and related disorders</p>	

Textbook	
Title	Introduction to Neurogenic Communication Disorders
Author(s)	Brookshire, R.H.
Publisher	Mosby Elsevier
Year	2007
Edition	7 th
Book Website	http://www.elsevier.com
Other references	Hegde, M. N. (2006). A Course book on Aphasia & Other Neurogenic Language Disorders

Assessment		
Assessment	Expected Due Date	Percentage
First Exam	First exam period	20 %
Second Exam	second exam period	20 %
Assignments	Scholarly Paper and Short Presentation	20 %
Final Exam	Final exam period	40 %

Course Objectives	Percentage
1. Knowledge of the anatomy & physiology of the nervous system regions involved in speech and language functions	20%
2. Knowledge of the different types of aphasia, motor speech disorders, and related disorders	40%
3. Knowledge of the various methods used in the diagnosis and evaluation of neurogenic speech and language disorders	10%
4. Knowledge of the various therapy approaches used for remediating neurogenic speech and language disorders	30%

Teaching & Learning Methods
<ul style="list-style-type: none"> • Lectures using PP presentations. • Classroom discussions. • Lab work.

	Reference(s) Handouts
1. Recognize the neuroanatomic & physiologic components of the nervous system involved in speech and language processing.	
2. Understand the various types of aphasia and motor speech disorders, associated disorders and neurocognitive impairments.	
3. Develop the ability to differentially diagnose the aphasia syndromes as well as motor speech disorders.	
4. Apply the necessary evaluation methods for neurogenic speech and language disorders as well as associated neurocognitive impairments.	

Useful Resources

Course materials, text books and references, video tapes, articles, and clinical practicum

Course Content

Week	Topics	Chapter in Textbook (handouts)
1	Course introduction & policies Neuroanatomy of language & speech	Syllabus
2	Neuroanatomy of language & speech	PP
3	Blood supply	PP
4	Aphasia and related disorders	PP
5	Aphasia and related disorders	PP
6	FIRST EXAM	--
7	Aphasia and related disorders	PP
8	Aphasia and related disorders Assessment of NLD	PP
9	Assessment of NLD	PP
10	Assessment of NLD	PP
11	LABOR DAY	--
12	SECOND EXAM	--
13	Treatment of NLD	PP
14	Treatment of NLD	PP
15	Treatment of NLD	PP
16	FINAL EXAM	ALL MATERIALS ARE INCLUDED

Additional Notes

Attendance policy:

. Following are the requirements of the grading criteria for the clinical practicum:

1- Daily Notes:

Daily notes will be checked and reviewed for every single session (10%).

2- Student's Attendance:

10% of the total grade will be allotted for your attendance. Late attendance will also be penalized. It is mandatory for you as student clinicians to start and end your sessions on time.

3- Diagnostic Report:

Every student is required to submit a Comprehensive Speech and Language Assessment Report. (10%).

4- Student Clinician's Communication Skills:

10% of the total grade will be given for your communication skills with the parents, caregivers, clinic staff, and your instructors.

5- Student Clinician's Technical Skills:

30% of the total grade will be given to your technical skills in therapy (Materials used, manipulation of materials in therapy, session set up, reinforcers used).

6- Case presentation of one of your active cases.

Make sure that your presentation covers the background of the client, assessment findings, and recommendations. You need to back up your presentation with your therapy plan, what works, what did not, number of sessions attended, counseling issues with the parents, progress achieved thus far and the theoretical basis of the related disorder. (30%).

NOTE

NO VISITORS TO THE THERAPY ROOMS BY ANY CIRCUMSTANCE, VIOLATION OF THIS RULE WILL SUBJECT THE HOST TO ZERO IN THE STUDENT CLINICIAN'S SKILLS AREA. FURTHER VIOLATION MAY SUBJECT THE STUDENT TO DISMISSAL FROM THE TRAINING PRACTICUM.

Expected workload:

. Students are expected to take every effort to ensure satisfactory learning of the material given.