



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

AS442 Neurogenic Language Disorders

Second Semester 2023-2024

**Course Catalog**

2 Credit Hours. The course provides basic understanding of the definition, terminology, classification, symptoms, and neurology of aphasia. All types of aphasia including (Broca's, Wernicke's, Global, Conduction, Primary Progressive aphasia, anomic, Transcortical Motor Aphasia, Transcortical Sensory Aphasia) will be covered. Best practices of aphasia assessment and intervention will be presented through videos of real cases.

**Teaching Method:** On Campus

**Text Book**

|                          |                                                        |
|--------------------------|--------------------------------------------------------|
| <b>Title</b>             | Aphasia and Related Neurogenic Communication Disorders |
| <b>Author(s)</b>         | Ilias Papathanasiou & Patrick Coppens                  |
| <b>Edition</b>           | 1st Edition                                            |
| <b>Short Name</b>        | Ref#1                                                  |
| <b>Other Information</b> |                                                        |

**Instructor**

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

**Class Schedule & Room**

Section 2:  
Lecture Time: Sun, Tue : 11:30 - 12:30  
Room: M1304

| Prerequisites |                                                    |                      |
|---------------|----------------------------------------------------|----------------------|
| Line Number   | Course Name                                        | Prerequisite Type    |
| 1141022       | AS102 Introduction To Audiology & Speech Pathology | Prerequisite / Study |
| 1112260       | P.T226 Neuroscience (1)                            | Prerequisite / Study |

| Tentative List of Topics Covered |                                  |                   |
|----------------------------------|----------------------------------|-------------------|
| Weeks                            | Topic                            | References        |
| Week 1                           | Syllabus and Course Expectations |                   |
| Week 2                           | Types of aphasia                 | From <b>Ref#1</b> |
| Week 3                           | Global aphasia                   | From <b>Ref#1</b> |
| Week 4                           | Broca's aphasia                  | From <b>Ref#1</b> |
| Week 5                           | Wernicke's aphasia               | From <b>Ref#1</b> |
| Week 6                           | Primary motor aphasia            | From <b>Ref#1</b> |
| Week 7                           | Primary progressive aphasia      | From <b>Ref#1</b> |
| Week 8                           | Conduction Aphasia               |                   |
| Week 9                           | Anomic Aphasia                   | From <b>Ref#1</b> |
| Week 10                          | Mixed Transcortical Aphasia      | From <b>Ref#1</b> |
| Weeks 11, 12                     | Assessment                       |                   |
| Weeks 13, 14                     | Treatment                        | From <b>Ref#1</b> |

| Mapping of Course Outcomes to Program Outcomes                            | Course Outcome Weight (Out of 100%) | Assessment method |
|---------------------------------------------------------------------------|-------------------------------------|-------------------|
| Relate the patients' signs and symptoms to aphasia.                       | 10%                                 |                   |
| Differentiate between conditions affecting different types of aphasia     | 10%                                 |                   |
| Differentiate between conditions affecting language centers in the brain. | 10%                                 |                   |
| Differentiate between conditions affecting language centers in the brain. | 10%                                 |                   |
| Analyze the findings of the subjective and objective examinations.        | 10%                                 |                   |
| Analyze the physical dysfunction related to specific types of aphasia     | 10%                                 |                   |
| Apply manual therapy skills for all types of aphasia.                     | 20%                                 |                   |

|                                                                               |     |  |
|-------------------------------------------------------------------------------|-----|--|
| Conduct a comprehensive subjective examination related to aphasia             | 10% |  |
| Select an appropriate objective examination related to the clinical scenario. | 10% |  |

| <b>Relationship to Program Student Outcomes (Out of 100%)</b> |      |      |      |      |      |
|---------------------------------------------------------------|------|------|------|------|------|
| PLO1                                                          | PLO2 | PLO3 | PLO4 | PLO5 | PLO6 |
|                                                               |      |      |      |      |      |

Date Printed: 2024-03-27