

# **RHS 322 COURSE OUTLINE**

<b><u>Course Title:</u></b>	Clinical Neurology
<b><u>Course number:</u></b>	RHS 332
<b><u>Credit hours:</u></b>	4
<b><u>Course instructor:</u></b>	Mohammed Alghamdi MSc.PT

## **Course description:**

This course will provide the student with the fundamental Clinical concepts about various adult neurological diseases. It will emphasize the etiology and clinical features of the most common neurological diseases. It will also focus on the sensory, motor, functional, and coordination evaluation procedures. Finally, it will help the student to plan an appropriate treatment program for different neurological diseases using various therapeutic techniques.

## **Course objectives:**

By the end of this course, the student will be able to:

- Recognize different neurological diseases.
- Develop a clear understanding of the etiology, pathology, prognosis, and clinical features of the most common neurological diseases affecting adult people.
- Utilize different evaluation methods to identify problems of various neurological diseases.
- Demonstrate adequate practical skills to conduct the sensory, motor, functional, and coordination assessments.
- Design a treatment plan for the different neurological diseases.
- Select the most appropriate therapeutic techniques.
- Demonstrate competence in handling and communicating with patients.

### **Course outline:**

<b>Week 1</b>	Sensory assessment.
<b>Week 2</b>	Motor control assessment I.
<b>Week 3</b>	Motor control assessment II.
<b>Week 4</b>	Functional assessment.
<b>Week 5</b>	Coordination assessment.
<b>Week 6</b>	Hospital Visit 1.
<b>Week 7</b>	Hospital Visit 2.
<b>Week 8</b>	Hospital Visit 3.
<b>Week 9</b>	<b>First Evaluation</b>
<b>Week 10</b>	Hospital Visit 4.
<b>Week 11</b>	Hospital Visit 5.
<b>Week 12</b>	Hospital Visit 6.
<b>Week 13</b>	<b>Second Evaluation .</b>
<b>Week 14</b>	Hospital Visit 7.
<b>Week 15</b>	Hospital Visit 8.
<b>Week 16</b>	<b>Final exam.</b>

### **Teaching methods:**

- Electronic lectures.
- Discussion.
- Demonstration.
- Clinical practice.
- Case report

### **Grading:**

- Attendance: 10%
- Clinical practice: 20%
- First midterm exam: 20%
- Second midterm exam: 20%
- Final exam: 30%

## **References:**

- Electronic handouts.
- Circulated updated articles.
- Physical Rehabilitation: Assessment and Treatment.
- Physical Medicine and Rehabilitation.
- Cash's Textbook of Neurology for Physiotherapists.
- Neurological Rehabilitation.