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|  | **Mutah University**  **Detailed Syllabus Form** |  |



**First :** Course Information**:**

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| --- | --- | --- | --- |
| * Course Number: | | * Course Title: Neuromedicine | |
| * Credit Hours: 4.5 | | * College: Medicine | |
| * Pre-requisite: For fifth year medical students | | * Department: Department of medicine | |
| * Instructor: Dr Omar Alrawashdeh | | * Semester & Academic Year: Grade 5 | |
| * phone number:   0795716849 | | * E-mail: rawashdeh1976@mutah.edu.jo | |
| * Office Hours: Mon 12-1 Tue 12-1 | | * the time of the lecture: | |
| * Foor Num: | * Building Name: | | * Office Num: |
| * Virtual office hours on Microsoft Teams: Sun Mon Tue Wed 9:00-12:00 | | | |

**Second :** General Course Description

**The neuromedicine course is 4.5 credit hours course that is given over 4 weeks. The neuromedicine course for the fifth year medical students emphasizes on understanding symptoms of various neurological diseases and performing proper neurological examination. Students will learn how to diagnose common neurological diseases in clinical practice and how to manage these diseases. Students will also be able to assess patients with neurological diseases that require urgent management including CNS infection, epilepsy, cerebrovascular accidents, and others. The course has different parts of instructions including lectures, seminars, clinics, case discussions, and bedside teaching.**

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**Third :** Course Objectives

* **Understanding symptoms related to the human nervous system ..**
* **Performing full neurological examination and learning the skills of localising the neurological pathology.**
* **Ability to recognise neurological emergencies**
* **Learning the treatment options of various neurological diseases**
* Ability to apply the initial management steps in neurological emergencies

**Fourth:** Expected Learning Outcomes

* **stuents are expected to be familiar with the most common neurological symptoms that are encountered in the clinic**
* At the end of the course, each students is expected to be able to perform full neurological examination.
* Students will be able to request the proper investigations that help in establishing the diagnosis.
* At the end of the course, students are expected to be familiar with common neurological diseases and neurological emergencies and how to manage them.

**Fifth :** Course Plan Distribution & Learning Resources

|  |  |  |
| --- | --- | --- |
| **Learning Resources** | **Topics to be Covered** | **Week**  **No.** |
| **Bedside teaching** | Neurological examination |  |
| **Leacture and seminars** | Headache and facial pain |  |
| **Lectures and case discussion** | Epilepsy |  |
| **Lectures and case discussion** | Parkinson and other movement disorders |  |
| **Lectures and seminars** | CNS infection |  |
|  | Spinal cord diseases  Multiple sclerosis and other demyelinating diseases  Nerve and muscle diseases  Neuromuscular diseases  Development and degenration  Neurology and other specialties  Neurology in pregnancy |  |
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**Sixth :** Teaching Strategies and Methods

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| --- | --- |
| **Teaching Strategies and Methods** | No |
| 10 lectures | **1** |
| 14 seminars | **2** |
| 8 clinics | **3** |
| 8 ward rounds | **4** |
| 4 case discussions | **5** |

**Seventh :** Methods of Assessment

|  |  |  |  |
| --- | --- | --- | --- |
| **Proportion of Final Evaluation** | **Evaluation Methods of** | **Week & Date** | **No.** |
| **20%** | Presenting seminars, case reports, presenting cases clinical examination | **End of course evaluation** | **1.** |
| **40%** | Oral examination  Mini OSCE examination | End of course exame | **2.** |
| **40%** |  | Final exam | **3.** |
|  |  |  | **4.** |
|  |  |  | **5** |
|  |  |  | **6** |
| **(100%)** |  | **Total** | |

**Eighth :** Required Textbooks

**- Primary Textbook:**

* **... Blueprints Neurology Frank Dreslane**
* **Lecture notes Neurology Lionel Ginsberg**

**-** **Secondary References**

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**Ninth :** General Instructions

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| **Additional Notes, Office hours, Incomplete Exams, Reports, Papers, …etc** | **No** |
|  | **1** |
|  | **2** |
|  | **3** |
|  | **4** |
|  | **5** |