

**FTR204 - Clinical Neurology**

| Course Name                      | Code  | Term                          | Theory<br>(hours/week) | Application<br>(hours/week) | Laboratory<br>(hours/week) | ECTS |
|----------------------------------|---|-------------------------------|------------------------|-----------------------------|----------------------------|------|
| Clinical Neurology               | FTR 204   | 4. semester/2. term<br>spring | 1                      | -                           | -                          | 2    |
| Prequisites                      | -   |                               |                        |                             |                            |      |
| Course language                  | Turkish   |                               |                        |                             |                            |      |
| Course type                      | Compulsory  |                               |                        |                             |                            |      |
| Learning and teaching strategies | Lecture   |                               |                        |                             |                            |      |
| Instructor (s)                   |   |                               |                        |                             |                            |      |
| Course objective(Aim of course)  | The aim of the course is to present basic theoretical information about the most common neurological disorders, as well as presenting the methods of diagnosis and treatment strategies. Besides, the students are informed about the neurological diseases that require physical treatment and rehabilitation.   |                               |                        |                             |                            |      |
| Learning outcomes                | 1. Acquire basic information about the most common neurological disorders<br>2. Understand the principles of general neurological examination<br>3. Learn the diagnostic methods of common neurological diseases, Learn the treatment strategies of common neurological diseases  |                               |                        |                             |                            |      |
| References                       | - Neuroanatomical basis of clinical neurology ; Orhan Arslan, 2001<br>- Localization in clinical neurology ; Paul W. Brazis, Jose C. Masdeu, Jose Biller. 2007<br>- Clinical neurology of the older adult , Joseph I. Sirven, Barbara L. Malamut. 2008<br>- Clinical neurology : from the classroom to the exam room ,Jeffrey W. Clark.2007<br>- Klinik nörolojiye giriş ; Douglas J. Gelb ; çeviri editörü, Mehmet Saracoğlu; çevirmenler, İrem Öner, 2000 |                               |                        |                             |                            |      |

**Course outline weekly:**

| Weeks    | Topics                                 |
|----------|--|
| 1. Week  | Epilepsy                               |
| 2. Week  | Neurological examination               |
| 3. Week  | Medulla spinalis diseases              |
| 4. Week  | Polyneuropathies                       |
| 5. Week  | Disorders of the extrapyramidal system |
| 6. Week  | Entrapment neuropathies                |
| 7. Week  | Demyelinating diseases                 |
| 8. Week  | Mid-term exam                          |
| 9. Week  | Disorders of the cerebellar system     |
| 10. Week | Disorders of the cerebellar system     |
| 11. Week | Serebrovacular diseases                |
| 12. Week | Muscular disorders                     |
| 13. Week | Muscular disorders                     |
| 14. Week | Muscular disorders                     |
| 15. Week | An overview                            |

**ECTS (Student Work Load Table)**

| Activities   | Number         | Duration | Total Work Load |
|--|----------------|----------|-----------------|
| Course Duration (X14 )   | 14             | 1        | 14              |
| Laboratory   |                |          |                 |
| Practice   |                |          |                 |
| Field Study  |                |          |                 |
| Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)             | 14             | 1        | 14              |
| Presentations (Video shoot/Poster preparation/Oral presentation, Etc.) |                |          |                 |
| Seminars   |                |          |                 |
| Project  |                |          |                 |
| Case study   |                |          |                 |
| Role playing, Dramatization  |                |          |                 |
| Writing articles, Critique   |                |          |                 |
| Time To Prepare For Midterm Exam                                       | 1              | 8        | 8               |
| Final Exam Preparation Time  | 1              | 14       | 14              |
| <b>Total Work Load ( hour) / 25(s)</b>                                 | <b>50 / 25</b> |          |                 |
| <b>ECTS</b>  | <b>2</b>       |          |                 |

### Evaluation System

| Mid-Term Studies                            | Number | Contribution |
|---|--------|--------------|
| Midterm exams                               | 1      | % 100        |
| Quiz  |        |              |
| Laboratory                                  |        |              |
| Practice                                    |        |              |
| Field Study                                 |        |              |
| Course Internship (If There Is)             |        |              |
| Homework's                                  |        |              |
| Presentation and Seminar                    |        |              |
| Project                                     |        |              |
| Other evaluation methods                    |        |              |
| <b>Total Time To Activities For Midterm</b> |        | 100          |
| <b>Final works</b>                          |        |              |
| Final                                       | 1      | % 100        |
| Homework                                    |        |              |
| Practice                                    |        |              |
| Laboratory                                  |        |              |
| <b>Total Time To Activities For Midterm</b> |        | 100          |
| Contribution Of Midterm Studies On Grades   |        | % 40         |
| Contribution Of Final Exam On Grades        |        | % 60         |
| <b>Total</b>                                |        | 100          |

### The relationship between learning outcomes and the program qualifications of the courses

| Program Qualifications   | Learning outcomes |        |       |
|--|-------------------|--------|-------|
|  | L.O.1             | L.O. 2 | L.O.3 |
| 1-Acquire proficient infrastructure related to the field of Physiotherapy and Rehabilitation, gain the ability to use theoretical and practical knowledge and skills in this field.  | 5                 | 5      | 5     |
| 2-Identify, define the factors affecting health and gain problem-solving skill by using the information they have; plan and implement a treatment and exercise program with appropriate evidence-based methods and new techniques. | 5                 | 5      | 5     |
| 3-Gain the ability to use information technologies effectively, as well as the ability to select and use modern tools, techniques and agents necessary for physiotherapy and rehabilitation applications.                          |                   |        |       |
| 4-Design individual and multidisciplinary research, keep records, prepare reports, analyze and interpret results for quality service and research in health sciences.  |                   |        |       |
| 5-They conduct a literature search to access the information by using evidence-based databases and information sources.  |                   |        |       |
| 6-Gain autonomy in interdisciplinary and individual studies, ability to work effectively and take responsibility and awareness of the universal and social effects of their professional practice.                                 |                   |        |       |
| 7-Adopt life-long learning; contribute to quality improvement, field-related training and introductory programs and exhibit their professional behavior at national and international level.                                       |                   |        |       |
| 8-Have deontological and ethical awareness in professional researches and applications.  |                   |        |       |

Contribution to the level of proficiency: 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent