

## COURSE CONTENT

**University:** Muğla Sıtkı Koçman University

**Faculty:** Medicine/ **Program:** English Program

**Academic Year:** 2021-2022

**Phase:** 5/ **Course:** Physical Therapy and Rehabilitation

**Course Code:** MED 5008 / **ECTS:** 3 / **T+U+L:** Theoretical + Practical

**Course Type :** Compulsory/ **Course Length :** 2 weeks/ **Type of Instruction :** Formal/ **Language of Instruction :** English

### Theoretical:

1. Approachment to mechanical low-back pain and disc herniation and treatment methods (2hour)
2. Approachment to neck back pain and treatment methods (2hour)
3. Approachment to pain and inflammation (2hour)
4. Approachment to patient with arthritis (2hour)
5. Assessment of examination results (2hour)
6. Behçet disease (2hour)
7. Crystal arthropathies (2hour)
8. Exercise physiology and therapeutic exercises (2hour)
9. Introduction to Physical Medicine and Rehabilitation (1hour)
10. Medication in rheumatismal diseases (2hour)
11. Musculoskeletal Examination and Clinical Assesment - Anatomy and Physiology (2hour)
12. Osteoarthritis and degenerative joint diseases (2hour)
13. Peripheral nerve injuries and rehabilitation (2hour)
14. Physical modalities and applications (1hour)
15. Rehabilitation in pediatric period (cerebral palsy) (2hour)
16. Rheumatismal diseases and rehabilitation (2hour)
17. Rheumatoid arthritis (2hour)
18. Seronegative (1hour)
19. Seronegative spondyloarthropathies (1hour)
20. Soft Tissue Rheumatism Diseases ((Fibromyalgia and Myofascial Pain Syndrome) (2hour)
21. Spinal cord injuries and rehabilitation (2hour)
22. Stroke rehabilitation (2hour)
23. Traumatic brain injury rehabilitation (2hour)
24. Vitamin D Deficiency , Osteoporosis and Metabolic Bone Diseases (2hour)

### Practical:

1. Advisory hour (4hour)
2. Bed-side examination (Assesment of direct radiographs) (Practice) (1hour)
3. Bed-side examination (Patient file preparation) (Practice) (2hour)
4. Bed-side examination (Taking general and problem-oriented history) (Practice) (2hour)
5. Bed-side examination Assesment of direct radiographs (Practice) (1hour)
6. Bed-side examination -Filling the request form for laboratory examination (Practice) (1hour)
7. Bed-side examination -Making rational laboratory and imaging request (Practice) (1hour)
8. Bed-side examination -Musculoskeletal examination (Practice) (5hour)
9. Bed-side examination -prescribing (Practice) (2hour)
10. Bed-side examination Filling the request form for laboratory examination (Practice) (1hour)
11. Bed-side examination Making rational laboratory and imaging request (Practice) (1hour)
12. Bed-side examination -Musculoskeletal examination (Practice) (1hour)
13. Outpatient treatment and Health Committee Polyclinic follow-up -Advising on disability report (Practice) (2hour)
14. Outpatient treatment and Health Committee Polyclinic follow-up -Preparing health reports (1hour)

15. Outpatient treatment and Health Committee Polyclinic follow-up -Preparing health reports in accordance with current legislation (Practice)

Others:

1. in accordance with current legislation (Practice) (1hour)
2. spondyloarthropathies(1hour)