



COURSE INFORMATION FORM

Course Information						
Year of Curriculum	Course Title	Code	Semester	L+P Hour	Credits	ECTS
	Pain and Rehabilitation	5055021	I-II	3+0	3	7

Language of Instruction	Turkish
Course Level	Postgraduate
Department/Program	Department of Physiotherapy and Rehabilitation / Master's Degree with Thesis
Education Type	Formal
Course Type	Elective
Prerequisites	-
Department/Program Coordinator	Asst. Prof. Çağtay MADEN
Instructors	Asst. Prof. Demet GÖZAÇAN KARABULUT
Assistants	-
Objectives of the Course	To examine basic information about the physiological mechanisms of pain, the role of acute and chronic pain in different diseases, pain assessment methods, physiotherapy rehabilitation approaches used to cope with pain.
Course Content	Pain and related concepts - Classification of pain, Pathophysiology of pain, Pain Assessment in Physiotherapy, Inflammation and pain, Pain management and physiotherapy approaches used, Electrotherapy agents in pain management, Manual Techniques in Pain Management, Exercise in Pain Management, Musculoskeletal System and Pain, Neuropathic Pain, Biopsychosocial approaches in pain.
Teaching-Learning Methods and Techniques Used in the Course	Expression Discussion Question & Answer Preparing and / or Presenting a Report Drill & Practice Case Study Problem / Problem Solving Brainstorming
Internship of the Course (If there is)	-

Learning Outcomes
1. Explains the pathophysiology of pain.
2. Knows the types of pain.
3. Applies pain assessment methods in the field of physiotherapy and rehabilitation.
4. Discusses pain approaches used in physiotherapy and rehabilitation.
5. Follows the subject of pain in rehabilitation in line with the literature.

COURSE CONTENT	
Week	Topics
1	Introduction to the course
2	Pain and related concepts
3	Classification of pain
4	Pathophysiology of pain
5	Inflammation and pain
6	Pain Assessment in Physiotherapy
7	Discussion of literature information
8	Midterm Exam
9	Pain management and physiotherapy approaches used
10	Electrotherapy agents in pain management
11	Manual Techniques in Pain Management
12	Exercise in Pain management
13	Biopsychosocial approaches to pain
14	Case Discussions
15	Final Exam

RECOMMENDED SOURCES		
<p>Course material</p> <p>Karaduman, A. A., Yılmaz, Ö. T., & Akel, B. S. (Eds.). (2016). Physiotherapy and rehabilitation (Volume 3 Neurological-Cardiopulmonary Rehabilitation Physiotherapy). Hipokrat Publishing House.</p>		
ASSESSMENT		
IN-TERM STUDIES	QUANTITY	PERCENTAGE
Mid-terms	1	40
Quizzes		
Homework		
Attendance		
Practice		
Seminar		
Internship of the Course		
Project		
Field Survey		
Workshop		
Laboratory		
Presentation		
Final examination	1	60
Total	2	100
Contribution of Semester Studies to the Success Grade		
Contribution of the Final Exam to the Success Grade		
Total		

ECTS/WORKLOAD TABLE			
Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Course Duration (Including the exam week: 15x Total course hours)	15	3	45
Hours for off-the-classroom study (Pre-study, practice)	15	3	45

Homework	15	3	45
Seminar			
Presentation	14	3	42
Practice			
Laboratory			
Internship of the Course			
Project			
Field Survey			
Workshop			
Others (.....)	1	1	1
Mid-terms	1	1	1
Quizzes	2	1	2
Homework(s)/Seminar(s)			
Final examination	1	1	1
Total Work Load			210
Total Work Load / 30 (h)			210/30
ECTS Credit of the Course			7

ASSOCIATING THE LEARNING OUTCOMES OF THE COURSE WITH THE PROGRAM OUTCOMES

Course Learning Outcomes	PO1	PO2	PO3	PO4	PO5	PO6
CLO1	5	2	4	5	2	3
CLO2	5	1	4	5	3	5
CLO3	5	1	5	5	3	5
CLO4	4	5	3	5	5	5
CLO5	5	4	1	5	5	5
CLO: Course Learning Outcomes PO: Programme Outcomes						
Contribution level	1. Very low	2. Low	3. Medium	4. High	5. Very High	