COURSE INFORMATION FORM

	Course Information					
Year of Curriculum	**Course Title**	*Code*	*Semester*	*L+P Hour*	*Credits*	*ECTS*
	Current Rehabilitation Approaches in Stroke	5055016	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	Dr. Öğr. Üyesi Çağtay MADEN
Instructors	Dr. Öğr. Üyesi Zekiye İpek KATIRCI KIRMACI
Assistants	-
Objectives of the Course	To gain the ability to examine and learn the causes of hemiplegia, current rehabilitation approaches applied in individuals with stroke.
Course Content	Understanding basic neurophysiological approaches and current rehabilitation approaches in stroke patients
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. Have advanced knowledge about hemiplegia and various approaches used in hemiplegia rehabilitation.
2. Gains comprehensive and advanced knowledge and skills in evaluating the hemiplegic patient and planning the appropriate treatment program.
3. Plans research and collects data in hemiplegic patients.
4. Searches the literature on current approaches.
5. Writes a literature review report.

COURSE CONTENT	
Week	**Topics**
1	Basic Neurophysiological Approaches- Brunstrom
2	Basic Neurophysiological Approaches-Johnstone
3	Basic Neurophysiological Approaches-Bobath
4	General Treatments-Vibration applications
5	Panat Method
6	Robotic Treatment
7	Virtual Reality Applications
8	Midterm Exam
9	Dual Task Applications
10	Mirror Therapies-Motor Imagery
11	Non-invasive Betin Stimulations
12	Restrictive Forced Movement Therapy
13	Telerehabilitation applications
14	Report writing after literature review
15	Final Exam

RECOMMENDED SOURCES

1. Erbahçeci, Fatih. (Editor). (2019). Basic Physiotherapy and Rehabilitation. Hipokrat Publishing.
2. Tunca Yılmaz, Ö. (Editor). (2022). Neurological Rehabilitation-Current Treatment Approaches. Hipokrat Publishing.
3. Tunca Yılmaz, Ö. (Editor). (2021). Neuroscience and Neuroplasticity in Neurological Rehabilitation Physical Therapy Applications. Hipokrat Publishing

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	*1*	*2*	*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**	1	**2**
CLO2	5	1	4	5	3	5
CLO3	5	1	4	5	3	5
CLO4	4	5	1	5	5	5
CLO5	5	4	1	5	1	5

CLO: Course Learning Outcomes PO: Programe Outcomes					
Contribution level	1. Very low	2. Low	3. Medium	4. High	5. Very High