COURSE INFORMATION FORM

	Course Information					
Year of Curriculum	**Course Title**	*Code*	*Semester*	*L+P Hour*	*Credits*	*ECTS*
	Evidence-Based Applications in Orthotics	5055019	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	Lecturer Gönül ELPEZE
Assistants	-
Objectives of the Course	It is aimed to analyze and evaluate the studies in the literature related to orthosis design and orthosis biomechanics and physical therapy and rehabilitation and to examine the treatment programs.
Course Content	Hand and foot orthoses, orthoses used in upper and lower extremities, static and dynamic adjustments and control mechanisms in orthoses and sample applications.
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. Can analyze posture.
2. Can measure muscle strength, shortness, anthropometric measurement.
3. Can make orthotic measurements.
4. Knows how to determine the appropriate orthosis.
5. Knows orthosis biomechanics.

COURSE CONTENT	
Week	**Topics**
1	Classification of orthoses
2	Upper-Lower Extremity Orthotics, Footwear
3	Long-Short Walking Orthoses
4	Long-Short Walking Orthoses
5	Trunk orthoses-Spinal deformity and Cervical Orthoses
6	Trunk orthoses-Spinal deformity and Cervical Orthoses
7	Biomechanical analysis
8	Midterm Exam, Theoretical
9	Biomechanical analysis
10	Biomechanical analysis
11	Biomechanical analysis
12	Case applications
13	Case applications
14	Case applications
15	Final Exam

RECOMMENDED SOURCES
Course material, Related Literature

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

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