



COURSE INFORMATION FORM

	Course Information					
Year of Curriculum	Course Title	Code	Semester	L+P Hour	Credits	ECTS
	Evidence-Based Practices in Cardiopulmonary Rehabilitation	5055013	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. Çağtay MADEN
Assistants	-
Objectives of the Course	Basic concepts and principles related to evidence-based cardiopulmonary rehabilitation, Defining the evidential values of articles, Evidence-based article review on cardiopulmonary physiotherapy-rehabilitation.
Course Content	Literature review methods, Identification of evidence-based studies, Evaluation of article evidence values, Academic software methods, Study design, Hypothesis generation, cause-effect relationship, Criticizing evidence-based studies, Validity-reliability studies, Ethical principles in article software, Use of statistical methods, Research planning on cardiopulmonary physiotherapy, Writing and presenting a research article on cardiopulmonary physiotherapy
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)	-
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Learning Outcomes
1. Knows the basic concepts and principles of cardiopulmonary rehabilitation.
2. Examines the definition of evidence-based studies and the evaluation of article evidence values.
3. Examines research projects related to cardiopulmonary physiotherapy.
4. Knows the current evaluation approaches related to cardiopulmonary physiotherapy.
5. Knows current treatment approaches related to cardiopulmonary physiotherapy.

COURSE CONTENT	
Week	Topics
1	Introduction to the course
2	Mobile apps for exercise
3	Mobile apps for exercise
4	Mobile applications developed for assessment approaches
5	Mobile applications developed for assessment approaches
6	Widely used mobile apps
7	Widely used mobile apps
8	Midterm Exam
9	Usage areas of mobile applications in rehabilitation
10	Usage areas of mobile applications in rehabilitation
11	Usage areas of mobile applications in rehabilitation
12	Usage areas of mobile applications in rehabilitation
13	Advantages and disadvantages of mobile applications
14	General Review
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	3	3	3	3	3	4
CLO2	3	3	3	3	3	4
CLO3	3	3	3	3	3	4
CLO4	3	3	3	3	3	5
CLO5	3	3	3	3	3	5
CLO: Course Learning Outcomes PO: Programme Outcomes						
Contribution level	1. Very low	2. Low	3. Medium	4. High	5. Very High	