



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Basic Monitoring and Evaluation in Physiotherapy							
Course Code		FZ006		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To inform about basic measurement and evaluation in physiotherapy							
Course Content		<ul style="list-style-type: none"><li>• History and general information on musculoskeletal disorders</li><li>• Evaluation of the extremity aperture</li><li>• Evaluation of muscle strength and pain</li></ul>							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	Tedavi Hareketlerinde Temel Değerlendirme Prensipleri - A. Saadet OTMAN
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Week	Weekly Detailed Course Contents	
1	Theoretical	History and general information on musculoskeletal disorders
2	Theoretical	The evaluation of upper extremity range of motion
3	Theoretical	The evaluation of lower extremity range of motion
4	Theoretical	Evaluation of upper extremity muscle strength
5	Theoretical	Evaluation of lower extremity muscle strength
6	Theoretical	Evaluation of muscle strength on body muscles
7	Theoretical	Evaluation of pain in musculoskeletal disorders
8	Theoretical	Midterm Exam
9	Theoretical	Assessment of regional pain and special tests (upper extremity)
10	Theoretical	Assessment of regional pain and special tests (lower extremity)
11	Theoretical	Muscle length tests
12	Theoretical	Flexibility and hypermobility
13	Theoretical	Anthropometric measurements
14	Theoretical	Posture and postural analysis
15	Theoretical	Gait analysis
16	Final Exam	Fall term final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	3	1	4
Final Examination	1	3	1	4
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	
2	



3	To be able to make general evaluation about gait analysis
4	To be able to make general evaluation of muscle shortness
5	Learning muscle strength measurements

#### Programme Outcomes (Physiotherapy)

1	To be able to recall the information of research methods and statistics so as to follow the developments, monitor and interpret scientific literature
2	To have the appropriate knowledge of basic sciences at the level of interest, to use specific medical terms and terminology of physical therapy
3	To be able to recall knowledge of the general structure and properties of musculoskeletal system and the joints and to evaluate the story of musculoskeletal diseases.
4	To be able to comprehend the methods of measurement of the range of motion of joints and to measure it.
5	To be able implement a general evaluation of posture analysis and gait analysis.
6	To be able to recall the knowledge about general characteristics of musculoskeletal diseases, osteoporosis, osteoarthritis, rheumatoid arthritis, ankylosing spondylitis, especially rheumatic diseases, mechanical low back and neck pain, disc herniation, soft tissue disorders and to apply appropriate physiotherapy.
7	To be able to recall the knowledge and gain skills about the devices and the agents of heater used in physical therapy, indications and contraindications of using, and the necessary information about how to apply on patients.
8	To be able to recall the knowledge of the electromagnetic field.
9	To be able to recall what Elektroakapunktur, Laser, Biofeedback, cervical and lumbar traction systems, pneumatic compression therapy are, and how to apply them, which one is applicable to patients.
10	To be able to recall what manipulation-mobilization is and which patients are suitable for this application.
11	To be able to recall what massage and hydrotherapy treatments are and which patients are suitable for these applications.
12	To be able to gain the professional and ethical awareness, apply gained knowledge and skills in real life situations and transfer gained knowledge to individuals around her/his environment, and improve behavior of life-long learning.
13	To gain knowledge about methods of diagnosis, protection and treatment of diseases
14	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to neurological disorders.
15	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to cardiopulmonary disorders.
16	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to pediatric patients.
17	To be able to gain knowledge about the effects of fitness and exercise on metabolism and responses of body systems to them.
18	To have knowledge about rehabilitation services
19	To become individuals who can do interdisciplinary team work, with a sense of social responsibility and entrepreneur.
20	To be able to recall the knowledge about Atatürk's Principles and the History of Turkish Revolution.
21	To be able to gain the knowledge and ability to become contemporary individuals who can use Turkish language grammar well and know a foreign language knowledge necessary to follow the developments in the profession.

#### Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P3	4	4	4	4	4
P4	5	5	5	5	5
P5	5	5	5	5	5

