



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Physical Therapy and Rehabilitation Applications II							
Course Code		FZ212		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	10	Workload	250 (<i>Hours</i>)	Theory	0	Practice	6	Laboratory	0
Objectives of the Course		To gain knowledge and skills about all the methods used in physical therapy and rehabilitation treatments.							
Course Content		Kinesiology applications, massage treatments, sports medicine and physiotherapy applications, neuromuscular patient rehabilitation practices, pediatric rehabilitation, orthopedic rehabilitation applications, neurosurgery rehabilitation, obstetrical and gynecological rehabilitation applications, pulmonary rehabilitation, vocational rehabilitation practices, specific treatment applications.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Practice Examination	1	100

Recommended or Required Reading

1	Lecture notes
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Week	Weekly Detailed Course Contents	
1	Practice	Kinesiology applications
2	Practice	Massage applications
3	Practice	Sports medicine and physiotherapy applications
4	Practice	Rehabilitation of patients with neuromuscular
5	Practice	Pediatric rehabilitation applications
6	Practice	Orthopedic rehabilitation applications
7	Practice	Orthopedic rehabilitation applications
8	Practice	Rehabilitation practices in Neurosurgery
9	Practice	Obstetric and gynecologic rehabilitation applications
10	Practice	Pulmonary rehabilitation applications
11	Practice	Vocational rehabilitation applications
12	Practice	Applications of specifically for the treatment of diseases
13	Practice	Applications of specifically for the treatment of diseases
14	Practice	Applications of specifically for the treatment of diseases
15	Practice	General evaluation and practice exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Practice	14	2	6	112
Assignment	10	3	2	50
Reading	12	0	2	24
Individual Work	14	0	4	56
Practice Examination	1	2	6	8
Total Workload (Hours)				250
[Total Workload (Hours) / 25*] = ECTS				10

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To learn applications of prosthetics, orthotics and biomechanics
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2	To learn applications of neuromuscular rehabilitation
3	To learn applications of occupational therapy
4	To learn applications of athletes physiotherapy
5	To understand applications of the rehabilitation in Neurosurgery
6	To understand applications of obstetric and gynecologic rehabilitation
7	To understand applications of pulmonary rehabilitation
8	To understand applications of vocational rehabilitation
9	To understand applications of the treatment specifically

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	L6	L7	L8	L9
P7	5	5	5	5	5	5	5	5	5
P8	5	5	5	5	5	5	5	5	5
P9	5	5	5	5	5	5	5	5	5
P10	5	5	5	5	5	5	5	5	5
P11	5	5	5	5	5	5	5	5	5
P14	5	5	5	5	5	5	5	5	5
P15	1	5	1	1	1	1	5	5	5
P16	5	5	5	5	5	5	5	5	5
P17	1	1	1	5	1	1	1	5	5

