



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Human Anatomy							
Course Code		AN103		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	48 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		In Anatomy, it is aimed to teach the information and skills related to the base structure of the body, and the structure made up the systems and organs' anatomical features.							
Course Content		Basic terms and concepts of anatomy, Cell types and structures, Skeletal system, Muscle system, Blood and liquid electrolytes, Heart's anatomical features and vascular structures, Upper and lower respiratory anatomical structures, Thorax and breast structure, Central Nervous System's anatomical structures, Peripheral Nervous System's anatomical structures, Sense organs, Pituitary gland and other endocrine system structures, Pituitary gland and other endocrine system structures, Gastrointestinal tract organs and accessory digestive organs and glands' structures, Urogenital system and female and male productivity system structures							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)		Ins. Begüm İNCEDEMİR ÜNDEY, Res. Assist. Ayşe Gizem SAHMELİKOĞLU							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Jungueira LC, Carneiro J and Kelley R O(1993). Temel Histoloji. Barış Kitabevi
2	Hatipoğlu M T (1994). Anatomi ve Fizyoloji, 10. Baskı, Hatipoğlu Yayınları, Ankara.

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic terms and concepts of anatomy
2	Theoretical	Cell types and structures
3	Theoretical	Skeletal system
4	Theoretical	Muscle system
5	Theoretical	Blood and liquid electrolytes
6	Theoretical	Heart's anatomical features and vascular structures
7	Theoretical	Upper and lower respiratory anatomical structures
8	Intermediate Exam	Midterm exam
9	Theoretical	Thorax and breast structure
10	Theoretical	Central Nervous System's anatomical structures
11	Theoretical	Peripheral Nervous System's anatomical structures
12	Theoretical	Sense organs
13	Theoretical	Pituitary gland and other endocrine system structures
14	Theoretical	Gastrointestinal tract organs and accessory digestive organs and glands' structures
15	Theoretical	Urogenital system and female and male productivity system structures

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	2	1	3
Final Examination	1	2	1	3
Total Workload (Hours)				48
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Know the base structure of the human body
2	Know muscle and skeletal system's anatomical structure
3	Know circulatory system, respiratory system and thorax's anatomical structure
4	Know nervous system, endocrine system and sense organs' anatomical structure
5	Know digestive and urogenital systems' anatomical structure

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 to 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
P2	5	5	5	5	5
P3	5	5	5	5	5

