



## 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 ŞAHMELİKOĞLU							

### 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 (Medical Imaging Techniques)**

1	To be able to get information the working principles of Radiology, Nuclear Medicine and Radiotherapy devices, and distinguish their components, use these devices in accordance with operating instructions.
2	To be able to perform the procedures in accordance with the examination of Radiology and Nuclear Medicine imaging .
3	To be able to apply the radiotherapy treatment, planned by radiation physicist with instruction of radiotherapist.
4	To be able to develop and perform the film printing of the images that obtained by imaging techniques of Radiology, Nuclear Medicine
5	To be able to evaluate the images that obtained by imaging techniques of Radiology, Nuclear Medicine in terms of radiographic quality and takes the necessary measures.
6	To be able to know the medical and radiologic terminology, and pronounce and use them correctly
7	To be able to take the necessary measures in accordance with the rules of Radiation safety and protection from radiation, and apply them.
8	To be able to distinguish the anatomical structures on images, obtained by the conventional and cross-sectional imaging techniques of Radiology, Nuclear medicine.
9	To be able to communicate well with patient, their family and the hospital staff.
10	To be able to move with own professional duties, powers and responsibilities of the consciousness and apply the rules of professional ethics.
11	To be able to adapt to a multi-disciplinary team work.
12	To be able to have a basic knowledge of human physiology.
13	To be able to distinguish anatomical structures.
14	To be able to establish a cause-and-effect relationship between events.
15	To be able to have the ability of analytical thinking and problem solving.
16	To be able to apply the basic principles of first aid.
17	It has basic knowledge about human anatomy
18	Understanding the basic concepts and principles of physics while providing, in the medical field and in particular medical imaging students better understand the issues involving technical vocational courses
19	OHS 'basic concepts; work accidents, occupational diseases, occupational physicians, occupational safety specialist, İSGB, OSGB, hazard classes, risk assessment, OHS employee representatives is
20	Have basic knowledge about basic medical practices and makes applications

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

	L1	L2	L3	L4	L5
P8	5	5	5	5	5
P13	5	5	5	5	5
P17	5	5	5	5	5

