AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Functional Anatomy								
Course Code	TAN521		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	4	Workload	100 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To teach the basic structure and functions of the human body, movement and function of muscles, movements kinesiology analysis.								
Course Content	: Includes Structure and function of the organs and systems of the human body, anatomical posture, planes, axes, muscle function, range of motion, and a brief examination of kinesiology movements.								
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 (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	Arıncı, K. ve Elhan, A. (2001). Anatomi 1-2.Cilt. 3. Baskı. Ankara: Güneş Bookstore.
2	Gökmen F. G. Systematic Anatomy, İzmir Güven Bookstore, 2008
3	Gray's Anatomy. Williams P.L., Warwick, R., Dyson, M., Bannister, L.H. (2004). 39th ed. Churchill Livingstone.

Week	Weekly Detailed Course Contents	
1	Theoretical	Anatomical features of the upper limb bones
	Practice	Work on bone preparations
	Preparation Work	Individual Work
2	Theoretical	Anatomical features of the upper limb joints
	Practice	Work on bone preparations
	Preparation Work	Individual Work
3	Theoretical	Anatomical features of the upper limb muscles
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
4	Theoretical	Innervation of the upper extremity structures
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
5	Theoretical	Feeding of the buildings in the upper extremity
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
6	Theoretical	Clinical conditions associated with upper extremity structures
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
7	Theoretical	Functional characteristics of the upper extremity structures
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
8	Theoretical	Anatomical features of the lower extremity bones
	Practice	Work on bone preparations
	Preparation Work	Individual Work
9	Theoretical	Anatomical features of the lower extremity joints
	Practice	Work on bone preparations
	Preparation Work	Individual Work

10	Theoretical	Anatomical features of the lower extremity muscles
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
11	Theoretical	Innervation of the in the lower extremity structures
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
12	Theoretical	Feeding of the lower extremities structures
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
13	Theoretical	Clinical conditions associated with lower extremity structures
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
14	Theoretical	Functional characteristics of the lower extremity structures
	Practice	Work on models and cadavers
	Preparation Work	Individual Work

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	5	2	98
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
			Total Workload (Hours)	100
			[Total Workload (Hours) / 25*] = **ECTS**	4

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	To define the basic rules of the terminology used in naming formations and movements of the motion system
2	To express the relation between structural features and terminology
3	To express functional features provision of terminology
4	Interpreting the differences in function which cause variations
5	Discuss the effects of structural differences on fuction because of sex
6	Interpreting the effects of age-related structural changes in the function
7	interpreting the effects of more or less movement of bones, joints and muscle proportions
8	Interpreting changes in the anatomy of the superficial zone formed by muscular contractions

Programme Outcomes *(Anatomy (Medical) Master)*

1	Be able to acquire enough knowledge and use of the infrastructure about Human anatomy and clinical anatomy, terminology
2	To use information on the science of anatomy study areas.
3	Anatomy is associated with other related disciplines to comprehend and to synthesize interdisciplinary interaction
4	Obtain the information about Systematic and topographical anatomy of the human-oriented structures, functions and their relationship with each other.
5	Create problems and solutions related fields to reveal the anatomy, experimental methods to gain the ability to solve the hypothesis.
6	Literature search ability, reading scientific papers, be able to evaluation and follow-up-to-date information
7	To be able to prepare the article in the science of anatomy
8	To be able to present papers in the field of science of anatomy
9	To gain enough discipline and experience related to anatomy and tobe an expert.
10	To have professional ethics and responsibility

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
P1	5	4	5	4	5	4	5	4
P2	5	4	5	4	5	4	5	4
P3	5	4	5	5	5	4	5	4
P4	5	4	5	5	5	4	5	4

P5	5	4	5	5	5	4	5	4
P6	5	4	5	5	5	4	5	4
P7	5	4	5	5	5	4	5	4
P8	5	4	5	5	5	4	5	4
P9	5	4	5	5	5	4	5	4
P10	5	4	5	5	5	4	5	4