



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		FunctionalAnatomy							
Course Code		TAN627		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Students learn about the functional anatomy of the human body, is intended to gain skills and behaviors.							
Course Content		Motion and changes anatomical structures during motion							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, 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	Basic Clinical Anatomy 2. print, Keith L. Moore, Anne M. R. Agur, Alaittin Elhan Güneş Bookstore – Ankara, 2006.
2	Anatomi. K. Arıncı, A. Elhan, 2 print, Güneş Bookstore, Ankara, 2001, ISBN 9757467286
3	Functional Anatomy- Head, Neck and Internal Organs - 3. print, Prof. Dr. Bedia Sancak, Prof. Dr. Meserret Cumhur, ODTÜ Publishing – Ankara, 2004.
4	Anatomy Practice Book (Erem T, Çimen A.)

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to Functional Anatomy
	Practice	Motion analysis in visual material
	Preparation Work	Individual work
2	Theoretical	Motion System, active and passive elements
	Practice	Motion analysis in visual material
	Preparation Work	Individual work
3	Theoretical	Skeletal system and biomechanics
	Practice	Motion analysis in visual material
	Preparation Work	Individual work
4	Theoretical	Joints, biomechanics of the joints
	Practice	Motion analysis in visual material
	Preparation Work	Individual work
5	Theoretical	Muscles and active roles in the movement
	Practice	Motion analysis in visual material
	Preparation Work	Individual work
6	Theoretical	Formation of the movement and working principles with coordinated motion system
	Practice	Motion analysis in visual material
	Preparation Work	Individual work
7	Theoretical	Formation of the movement and working principles with coordinated motion system
	Practice	Motion analysis in visual material
	Preparation Work	Individual work
8	Theoretical	The internal factors affecting the formation of movement
	Practice	Motion analysis in visual material
	Preparation Work	Individual work
9	Theoretical	The external factors affecting the formation of movement
	Practice	Motion analysis in visual material
	Preparation Work	Individual work
10	Theoretical	In the various exercise movements working principles of the movement system



10	Practice	Motion analysis in visual material
	Preparation Work	Individual work
11	Theoretical	In the various exercise movements working principles of the movement system
	Practice	Motion analysis in visual material
	Preparation Work	Individual work
12	Theoretical	Functional changes seen in the circulatory system during exercise
	Practice	Motion analysis in visual material
	Preparation Work	Individual work
13	Theoretical	Functional changes seen in the respiratory system during exercise
	Practice	Motion analysis in visual material
	Preparation Work	Individual work
14	Theoretical	Functional changes seen in the central nervous and endocrine system during exercise
	Practice	Motion analysis in visual material
	Preparation Work	Individual work

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	2	70
Midterm Examination	1	3	1	4
Final Examination	1	0	1	1
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Students know how that movement
2	Students know join the movement of muscle and bone and joint tripartite the functions
3	Students know in other systems changes that occur during exercise
4	Interpreting changes in the anatomy of the superficial zone formed by muscular contractions
5	interpreting the effects of more or less movement of bones, joints and muscle proportions

Programme Outcomes (Anatomy (Medical) Doctorate)

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 to be 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
P1	5	4	4	5	4
P2	5	4	4	5	4
P3	5	4	4	5	4
P4	5	4	4	5	4
P5	5	4	4	5	4
P6	5	4	5	4	4
P7	5	4	5	4	4
P8	5	4	5	4	5



P9	5	4	5	4	5
P10	5	4	5	4	5

