



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Circulatory System Anatomy							
Course Code		TAN604		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	8	Workload	200 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		Explaining anatomical characteristics of the circulatory system of the human organism to gain knowledge.							
Course Content		Anatomy of the heart, heart, location, projection, neighborhoods and the formation of the outer face Nerves of the heart, vessels, and pericardium Gaps and inner surface of the heart The concept of the mediastinum, chapters and contents General information about the arteries, the arteries in the chest and abdomen, head and neck arteries Upper and lower extremity arteries General information about veins, chest and abdominal veins, veins of the head and neck Upper and lower extremity veins General lymphatic system vessels							
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	Anatomi. K. Arıncı, A. Elhan, 2 print, Güneş Bookstore, Ankara, 2001, ISBN 9757467286
2	Netter FH. Atlas of human anatomy (second edition). USA, Novartis, 1997: 268.
3	Basic Clinical Anatomy 2. print, Keith L. Moore, Anne M. R. Agur, Alaittin Elhan Güneş Bookstore – Ankara, 2006.
4	Sobotta Human Anatomy Atlas Cilt 1-2. 2. In Turkish Prof. Dr. Kaplan Arıncı, H. Ferner ve J. Staubesand – Münih, 1985.
5	Gökmen F. G. Systematic Anatomy, İzmir Güven Bookstore, 2008.

Week	Weekly Detailed Course Contents	
1	Theoretical	Anatomical position of the heart and the anatomy of the outer face,
	Practice	Work on models and cadavers
	Preparation Work	Individual work
2	Theoretical	Projection points of the heart of and neighborliness
	Practice	Work on models and cadavers
	Preparation Work	Individual work
3	Theoretical	Inner surface of the heart an gaps
	Practice	Work on models and cadavers
	Preparation Work	Individual work
4	Theoretical	Heart valves and projection points
	Practice	Work on models and cadavers
	Preparation Work	Individual work
5	Theoretical	The concept of the mediastinum, chapters and contents
	Practice	Work on models and cadavers
	Preparation Work	Individual work
6	Theoretical	Nerves of the heart and feeder vessels
	Practice	Work on models and cadavers
	Preparation Work	Individual work
7	Theoretical	Vessels structure, classification and functional properties
	Practice	Work on models and cadavers
	Preparation Work	Individual work
8	Theoretical	Arteriovenous anastomoses



8	Practice	Work on models and cadavers
	Preparation Work	Individual work
9	Theoretical	General information about arteries, the arteries of the head and neck region
	Practice	Work on models and cadavers
	Preparation Work	Individual work
10	Theoretical	Chest and abdominal arteries
	Practice	Work on models and cadavers
	Preparation Work	Individual work
11	Theoretical	Upper limb arteries
	Practice	Work on models and cadavers
	Preparation Work	Individual work
12	Theoretical	Lower limb arteries
	Practice	Work on models and cadavers
	Preparation Work	Individual work
13	Theoretical	The venous system
	Practice	Work on models and cadavers
	Preparation Work	Individual work
14	Theoretical	Lymphatic System
	Practice	Work on models and cadavers
	Preparation Work	Individual work

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	4	4	112
Lecture - Practice	14	2	2	56
Assignment	14	1	1	28
Midterm Examination	1	1	1	2
Final Examination	1	1	1	2
Total Workload (Hours)				200
[Total Workload (Hours) / 25*] = <b>ECTS</b>				8
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Knows the anatomy of the heart, position, projection point
2	Knowledge about general and specific circulation
3	Knows the distribution of the body's arteries
4	Knows venous return to the heart through vessels and how it happens
5	To have information regarding lymph circulation

### 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	5	4	5
P2	5	4	5	4	5
P3	5	4	5	4	5
P4	5	4	5	4	5
P5	5	4	5	4	5
P6	5	4	5	4	5
P7	5	4	5	4	5
P8	5	4	5	4	5
P9	5	4	5	4	5
P10	5	4	5	4	5

