



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Respiratory System Anatomy							
Course Code		TAN605		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	7	Workload	175 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		Knowledge, skills and behaviors are intended to win of students about respiratory system.							
Course Content		Nasus externus, Cartilagines nasi, Sinus paranasales, Larynx, Trachea, Pulmones, Cavitas thoracis, Pleura							
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	Gökmen F. G. Systematic Anatomy, İzmir Güven Bookstore, 2008.
3	Basic Clinical Anatomy 2. print, Keith L. Moore, Anne M. R. Agur, Alaitin Elhan Güneş Bookstore – Ankara, 2006.
4	Netter FH. Atlas of human anatomy (second edition). USA, Novartis, 1997: 268.
5	Sobotta Human Anatomy Atlas Cilt 1-2. 2. In Turkish Prof. Dr. Kaplan Arıncı, H. Ferner ve J. Staubesand – Münih, 1985.

Week	Weekly Detailed Course Contents	
1	Theoretical	Anatomy of nasus externus and cartilagines nasi
	Practice	Work on models and cadavers
	Preparation Work	Individual work
2	Theoretical	Cavitas nasi, concha nasalis superior, concha nasalis medius, concha nasalis inferior, regio respiratoria, regio olfactoria
	Practice	Work on models and cadavers
	Preparation Work	Individual work
3	Theoretical	Sinus frontalis, sinus maxillaris
	Practice	Work on models and cadavers
	Preparation Work	Individual work
4	Theoretical	Sinus sphenoidalis, cellulae ethmoidales
	Practice	Work on models and cadavers
	Preparation Work	Individual work
5	Theoretical	Larynx cartilage, joints and ligaments, muscles
	Practice	Work on models and cadavers
	Preparation Work	Individual work
6	Theoretical	Trachea, bronchus lobaris and brochus segmentalis
	Practice	Work on models and cadavers
	Preparation Work	Individual work
7	Theoretical	Lungs, anatomic position and formations on the outer surface
	Practice	Work on models and cadavers
	Preparation Work	Individual work
8	Theoretical	Branching of bronchus and bronchus, lung lobes and segments
	Practice	Work on models and cadavers
	Preparation Work	Individual work
9	Theoretical	Acinus pulmonalis, Alveolar structure



9	Practice	Work on models and cadavers
	Preparation Work	Individual work
10	Theoretical	Vessels and lymphatic drainage of the lungs
	Practice	Work on models and cadavers
	Preparation Work	Individual work
11	Theoretical	Pleura
	Practice	Work on models and cadavers
	Preparation Work	Individual work
12	Theoretical	Projection of the lungs
	Practice	Work on models and cadavers
	Preparation Work	Individual work
13	Theoretical	Dead-end projection of pleura and clinical significance
	Practice	Work on models and cadavers
	Preparation Work	Individual work
14	Theoretical	Mediastinum
	Practice	Work on models and cadavers
	Preparation Work	Individual work

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	3	84
Lecture - Practice	14	2	2	56
Assignment	14	1	1	28
Midterm Examination	1	3	1	4
Final Examination	1	2	1	3
Total Workload (Hours)				175
[Total Workload (Hours) / 25*] = ECTS				7

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Students are known make up the organs of the respiratory system and the basic functions.
2	Students learn about the anatomy of the respiratory system organs that can reconcile with clinical sciences.
3	knows the structure and neighboring organs of the respiratory system
4	Knows bronchopulmonary segmentation, lung lobes, fissures and microscopic structure
5	Knows the structure and stalemate of the pleura and the structures of the mediastinum

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

