

Board Code and Name	TIP204- Respiratory System and Related Diseases
Term of the Board	2nd Grade / Spring Semester
Course Hours of the Board (Theoretical/Practical)	80/18
ECTS of the Board	6
Language of the Board	Turkish
Type of Board	Imperative
Board's Learning and Teaching Techniques	<ol style="list-style-type: none"> 1. Theoretical Lecture 2. Practice/ Exercise 3. Assignments/ Research 4. Q&A 5. Argument 6. Observation 7. Team/Group Work
Measurement Techniques of the Board	<ol style="list-style-type: none"> 1. Written Exam 2. Practice Exam
Responsible(s) of the Board	<p>Prof. Dr. Meral Uyar, Chair of the Course Board</p> <p>Assist. Prof. Dr. Hadiye Demirbakan, Vice President of the Course Board</p> <p>Assist. Asst. Zeynep Rumeysa Yoldaş, Vice President of the Course Board</p>
Purpose of the Board	<p>At the end of this board, students; the normal structure, development and functions of the respiratory system, diseases related to this system</p> <p>to gain knowledge about etiopathogenesis, symptoms, basic clinical and laboratory findings, diagnostic methods and drugs used in treatment; to have knowledge about the basic approach to a clinical case and basic professional skills related to the subject</p> <p>It is aimed that they can make their applications on the model themselves.</p>
Learning Outcome of the Board	<ol style="list-style-type: none"> 1. To be able to count and distinguish the anatomical structures of the respiratory system 2. To be able to explain embryological origins, development and histological structures respectively 3. To be able to define physiological mechanisms, static and dynamic lung function tests 4. To be able to count the etiopathogenesis, symptoms, clinical, laboratory and histopathological findings of the main diseases related to the system 5. To be able to list the treatment methods applied in basic diseases related to the system and the effects, mechanisms of action, pharmacokinetics, side effects and drug interactions of the drugs used in general terms 6. To be able to describe the imaging methods used for the respiratory system and to be able to read the basic elements of direct chest X-ray 7. PPD application and evaluation and auscultation of lung sounds by volunteer students or Ability to perform it personally on the simulator
Content of the Board	<ol style="list-style-type: none"> 1. General information is given about the normal structure, development, functions and pathophysiology of the respiratory system, etiopathogenesis of diseases related to this system, symptoms, basic clinical and laboratory findings, diagnostic methods and drugs used in their treatment. 2. In Vocational Skills Practices (MBU) courses organized in small groups; PPD application, evaluation, direct chest X-ray reading and lung sounds applications are performed. 3. In the Clinical Case Evaluation (CODE) courses, which are taught in the form of discussions together, scientific approach to different cases <p>Tuberculosis, which is one of the most important health problems, is discussed on a multidisciplinary, interactive discussion platform processed in PANEL style.</p>
Resources	<ol style="list-style-type: none"> 1. Gray's Anatomy The Anatomical Basis of Clinical Practice- Editor-in-Chief: Susan Standing, 41. Edition-Elsevier 2. Guyton and Hall Medical Physiology- John E. Hall Translation Editor: Berrak Ç. Yeğen, Güneş Medical Bookstores-13. Oppression 3. Clinical Aspects of Human Embryology- Keith L. Moore, T.V.N. Persaud, Mark G. Torchia Translation Editor: Hakkı Dalçık- 10. Print Nobel Medical Bookstore 4. Junqueira Basic Histology Topic and Atlas- Antony L. Mescher Translation Editors: Seyhun Solakoğlu, Aslı Erdoğan, Hasan Serdar Mutlu- 14. Printing Sun Medical Bookstores 5. Basic Medical Microbiology, Patrick R. Murray Translation Editor: A. Dürdal Us, Ahmet Başustaoğlu, Güneş Medical Bookstore 2016 6. Robbins Basic Pathology, Translation Editors S. Tuzlali, M. Güllüoğlu, U. Çevikbaş, Nobel Medical Bookstore 2014 7. Medical Pharmacology in Terms of Rational Treatment 1-2. Kayaalp, O. 13th edition, Pelikan Bookstore, Ankara. 2018.

Weeks	Board Courses (Theoretical/Practical)
1st Week	Anatomy (T/U), Microbiology (T/U), Physiology (T), Histology and Embryology (T), Pathology (T), Clinical Approach (T/Chest Diseases).
2nd Week	Physiology (T/U), Pathology (T), Microbiology (T/U), Histology and Embryology (U), Clinical Approach (T/Chest Diseases, Ear Nose and Throat, Radiology), Pharmacology (T).
3rd Week	Clinical Approach (T/ Thoracic Surgery, Pediatrics, Chest Diseases), Pathology (T), MBU (U), Physiology (T), Pharmacology (T).
4th Week	Clinical Approach (T/ Infectious Diseases, Clinical Case Evaluation, Nuclear Medicine), Microbiology (T), Pathology (T/U), MBU (U), Pharmacology (T), Physiology (T).
Explanation: T: Theoretical U: Application MBU: Vocational Skills Practices	

Number of Questions in the Board		
Exam Type	Theoretical	Application
Midterm Exam	75	25
Finale	100	0
Integration	100	0

Evaluation System		
Semester Studies	Number	Total Contribution (%)
Continuation	0	0
Laboratory	0	0
Application	4	10
Fieldwork	0	0
Course-Specific Internship (If Available)	0	0
Assignments	0	0
Presentation	0	0
Projects	0	0
Seminar	0	0
Midterm Exam	1	30
Finale	1	60
	Sum	100
Contribution of Semester Studies to Success Grade	0	0
Contribution of Final Studies to Success Grade	0	0
	Sum	0

Explanation: While calculating the contribution rates of the evaluation system, SANKO University Associate Degree and Undergraduate Education and the Examination Regulation and the Faculty of Medicine Education and Measurement and Evaluation Directive are valid.

Student Workload Table			
Events	Number (weeks)	Duration (class hours)	Sum
Course Duration (Including Exam Week)	4	20	80
Laboratory	0	0	0
Application	3	6	18
Course-Specific Internship (If Available)	0	0	0
Fieldwork	0	0	0
Out-of-Class Study Time (Freelancing/ Group Study/ Pre-Study/ Reinforcement)	4	13	52
Presentation/Seminar Preparation	0	0	0
Project	0	0	0
Assignments	0	0	0
Midterm Exam	0	0	0
Final Exams	0	0	0
Total Workload	11	39	150

Associating the learning outcomes of the courses with the program competencies					
Program Qualifications	1	2	3	4	5
1. The basic structure, development and normal functioning of the human body molecules, cells, tissues, It explains at the organ and system level.					X
2. Questioning the abnormal structuring and functioning of the human body, qualified scientific Explains with research-based information, evaluates the causes of diseases, taking into account the interaction with the individual and his environment.		X			
3. Clinical decision-making and management processes of diseases and applications of evidence-based medicine evaluates under the guidance of.		X			
4. Define the concepts of health and disease in individual and social contexts, health seeking and health protection behaviors, national health service delivery and administrative processes Describes.	X				
5. Know the research processes that form the basis of medical knowledge, follow the developments in this field Has a level of foreign language knowledge.					X
6. Takes medical history from the applicant/patient and their relatives.	X				
7. Performs physical examination of individuals, evaluates diagnostic tests, diagnosis and treatment It manages its processes by using appropriate process steps.	X				
8. Applies medical interventions for diagnosis, treatment or prevention of individuals.	X				
9. Medical and administrative data on health and disease obtained from individuals and society organizes and keeps records of context.	X				
10. For the protection and development of health in individual and social dimensions Plans and implements applications.		X			
11. Plans and implements a scientific research and evaluates its results.					X
12. Scientific and technological developments for professional and social changes It shows lifelong learning behavior by making use of it.					X
13. Physician within the framework of professional values, ethical principles and legal regulations, regardless of language, religion, race, gender, social and cultural discrimination in the individual and society he serves. fulfills its responsibilities as.		X			
14. Protection and development of health in individual and social dimensions, diseases Performs teamwork with colleagues and other healthcare professionals in the management processes.		X			
15. Protection and development of the health of the individual and society and the society of health care It strives to be realized for the benefit of the individuals who make it up.		X			
Description: Level of qualification:					
1. Miscarriage					
2. Low/medium					
3. Middle					
4. High					
5. That's great					