Code and Name of the Internship	MEDICINE 460 CARDIOVASCULAR SURGERY
Year of Internship	Year 4
Duration of the Internship	1 WEEK
ECTS of the internship	1
Language of the Internship	TURKISH
Type of Internship	IMPERATIVE
Learning and Teaching Techniques of the Internship	1. THEORETICAL LECTURE 2. PRACTICE/EXERCISE 3. ASSIGNMENTS/ RESEARCH 4.Q&A 5. ARGUMENT 6. OBSERVATION 7. TEAM/GROUP WORK
Measurement Techniques of the Internship	1. WRITTEN EXAM 2. ORAL EXAM
Internship Supervisor(s)	Assist. ASST. PROF. M. MURAT YARDIMCI Assist. MEMBER WAIVER UYGUR Prof. HAKKI KAZAZ, MD
Purpose of the Internship	Anatomical, physiological characteristics of the heart, vascular and circulatory system, emerging disorders, signs and symptoms To make a preliminary diagnosis / diagnosis by evaluating. To provide the necessary skills and attitudes to treat and to provide referral when necessary.
Learning Outcome of the Internship	1. Anatomy of the cardiovascular, circulatory system, physiological features. 2. ischemic heart diseases, acute and chronic arterial occlusions, chronic venous diseases, acute vein thrombosis clinical findings, diagnostic methods, treatment options. 3. To gain knowledge about the etiology, diagnosis and treatment methods of aneurysmatic vascular diseases, aortic dissections, tricuspid and pulmonary valve diseases. 4. Diagnosis and treatment of mitral and aortic valve diseases. 5. Information is given about the etiology, diagnosis and treatment of pediatric heart diseases. Learns the way to approach these patients.
Content of the Internship	1. Cardiovascular Surgery Emergencies 2. Diagnosis and treatment of ischemic heart diseases 3.Acute and Chronic Artery Occlusion Diagnosis and Emergency Intervention 4. Diagnosis of aortic, mitral, pulmonary, tricuspid valve diseases and approach to the patient 5. To have information about the diagnosis and treatment of pediatric heart diseases 6. To have knowledge about the diagnosis and approach of aneurysmatic vascular diseases, aortic dissections.
Resources	1. Kirklin/ Barratt- Boyes Cardac surgery 2012 2.Mavroudis/ Backer pediatric surgery 2015 3. PAC / Cardiovascular surgery 2013 4. Rutherford / Vascular surgery 2018

Internship Courses (Weeks)	Internship Topics
1st Week	Lecture and exam

Number of Questions in the Internship		
Exam Type	**Theoretical**	**Application**
Final (Oral)		20
Make-up (Oral)		20

Evaluation System		
Semester Studies	**Number**	**Total Contribution (%)**
Written Exam	1	40
Oral Exam	1	30
Internship Performance	1	10
Sample Application	1	20
Sum		100
Contribution of Semester Studies to Success Grade		
Contribution of Final Studies to Success Grade		
Sum		100

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**	**Duration (class hours)**	**Sum**
Course Duration (Including Exam Week)	1	13	13
Laboratory			
Application	1	2	2
Course-Specific Internship (If Available)	1	2	2
Fieldwork			
Out-of-Class Study Time (Freelancing/ Group Study/ Pre-Study/ Reinforcement)			
Presentation/Seminar Preparation	1	8	8
Project			
Assignments			
Board Exam			
Final Exams			
Total Workload	**4**	**25**	**25**

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