

Anesthesia			
Associate	TR-NQF-HE: Level 5	QF-EHEA: Short Cycle	EQF-LLL: Level 5

Course Introduction and Application Information

Course Code:	SHM101		
Course Name:	Anatomy		
Semester:	Fall		
Course Credits:	<div>ECTS</div> <div>3</div>		
Language of instruction:	Turkish		
Course Condition:			
Does the Course Require Work Experience?:	No		
Type of course:	Compulsory Courses		
Course Level:	<div>Associate</div> <div>TR-NQF-HE:5. Master`s Degree</div> <div>QF- EHEA:Short Cycle</div> <div>EQF-LLL:5. Master`s Degree</div>		
Mode of Delivery:	Face to face		
Course Coordinator:	Öğr. Gör. AYŞEGÜL AYRAN		
Course Lecturer(s):	Ayşegül Ayran		
Course Assistants:			

Course Objective and Content

Course Objectives:	The aim of this course for each student; It is aimed to acquire anatomical knowledge and skills related to the structure, morphology and systems of the human body.
Course Content:	Medical terminology, basic anatomical concepts, locomotor system anatomy, cardiovascular system anatomy, respiratory system anatomy, digestive system anatomy, urogenital system

Learning Outcomes

The students who have succeeded in this course;

1) I. Introduction to anatomy and basic concepts, learning the properties of cells and tissues II. Learning the structure and classification of bones, structure and classification of joints III. Properties and classification of muscular system, learning auxiliary elements of muscles IV. Learning the anatomical structure of the heart and vessels, the working mechanism of the heart V. Learning the upper respiratory tract organs and lower respiratory tract organs, learning the function and mechanism of respiration VI. Learning the organs of the digestive system, learning the attachment organs and their functions VII. Learning the urinary system organs, learning kidney functions VIII. To learn male internal and external genital organs, to learn female internal and external genital organs IX. Learning the organs that make up the central nervous system X. Learning the organs that make up the peripheral nervous system

Course Flow Plan

Week	Subject	Related Preparation
1)	Introduction to the Course, Course Objectives and Learning Objectives What is Anatomy? Cell and Tissue Anatomy Skeletal System and Joints Anatomy Muscular System Anatomy Circulatory System Anatomy I Circulatory System Anatomy II Respiratory System Anatomy Digestive System Anatomy I Digestive System Anatomy II Urinary System Anatomy Male Genital System Anatomy Female Genital System Anatomy Nervous System Anatomy I Nervous System Anatomy II	Reading the topics from the given sources before the lesson will enable students to understand the lesson better.

Sources

Course Notes / Textbooks:	Yıldırım, M. (2002). Sağlık Yüksek Okulları İçin Resimli İnsan Anatomisi. Nobel Tıp Kitabevleri. Vural, F. (2018). İnsan Anatomisi. Akademi Basın Ve Yayıncılık. Yıldırım, M. (2018). Sağlık Bilimlerinde Anatomi Atlası. Nobel Tıp Kitabevleri Vural, F. (2018). Anatomi Atlası. Akademi Basın Ve Yayıncılık.
References:	Anatomi, Sağlık Bilimleri Fakültesi Ve Yüksek Okulları İçin, Ankara Nobel Tıp Kitabevleri, 2019

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1
Program Outcomes	
1) Anesthesia technician has professional consciousness.	
2) He/She knows the duties, authorities and responsibilities of the anesthesia technician and exhibits ethical behaviors that will carry out harmonious teamwork in the operating room.	
3) He/She has the basic knowledge, skills and equipment suitable to the contemporary health technician approach, to be able to carry out communication with the patient, to take responsibility and to develop solutions when faced with an unforeseen situation related to the field.	
4) Without giving any harm to patients, he/she gives importance to hygiene asepsis-antisepsis, sterilization, contamination and infection with the basic knowledge about the health care work environment.	
5) He/She recognizes and uses the medical terms used in anesthesia applications.	
6) He/She knows the basic structure and functions of human body and biochemical mechanisms and uses them in their professional studies.	
7) He/She has information about basic anatomy and diseases related to systems.	
8) While applying his / her profession, he / she can benefit from appropriate information sources and information technologies.	
9) He/She has awareness of lifelong learning.	
10) He/She follows information in the field by using a foreign language at least at the level of European Language Portfolio A2 General Level.	
11) He/She has knowledge about ethical principles and rules in the field.	
12) He/She uses information and communication technologies together with computer software at the basic level of at least European Computer Driving License required by the field.	
13) He/She has internalized team work, has the knowledge of basic anesthetic pharmacology and performs anesthetic and analgesic applications together with anesthesia physician.	
14) To have general first aid knowledge and to show proper approach and correct application skills in emergency situations.	
15) He/She has the necessary discipline for team work and carries out activities for the development of employees under its responsibility.	

Course - Learning Outcome Relationship

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No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	Anesthesia technician has professional consciousness.	1
2)	He/She knows the duties, authorities and responsibilities of the anesthesia technician and exhibits ethical behaviors that will carry out harmonious teamwork in the operating room.	1
3)	He/She has the basic knowledge, skills and equipment suitable to the contemporary health technician approach, to be able to carry out communication with the patient, to take responsibility and to develop solutions when faced with an unforeseen situation related to the field.	2
4)	Without giving any harm to patients,he/she gives importance to hygiene asepsis-antisepsis, sterilization, contamination and infection with the basic knowledge about the health care work environment.	1
5)	He/She recognizes and uses the medical terms used in anesthesia applications.	2
6)	He/She knows the basic structure and functions of human body and biochemical mechanisms and uses them in their professional studies.	2
7)	He/She has information about basic anatomy and diseases related to systems.	3
8)	While applying his / her profession, he / she can benefit from appropriate information sources and information technologies.	1
9)	He/She has awareness of lifelong learning.	2
10)	He/She follows information in the field by using a foreign language at least at the level of European Language Portfolio A2 General Level.	1
11)	He/She has knowledge about ethical principles and rules in the field.	1
12)	He/She uses information and communication technologies together with computer software at the basic level of at least European Computer Driving License required by the field.	1
13)	He/She has internalized team work, has the knowledge of basic anesthetic pharmacology and performs anesthetic and analgesic applications together with anesthesia physician.	1
14)	To have general first aid knowledge and to show proper approach and correct application skills in emergency situations.	1

15)	He/She has the necessary discipline for team work and carries out activities for the development of employees under its responsibility.	1
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Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Attendance	14	% 0
Midterms	1	% 40
Final	1	% 60
total		% 100
PERCENTAGE OF SEMESTER WORK		% 40
PERCENTAGE OF FINAL WORK		% 60
total		% 100

Workload and ECTS Credit Calculation

Activities	Number of Activities	Preparation for the Activity	Spent for the Activity Itself	Completing the Activity Requirements	Workload
Midterms	1	10	10	20	40
Final	1	10	10	20	40
Total Workload					80